June 6, 2003

Fluid Minerals Group Bureau of Land Management Vernal Field Office 170 South 500 East Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc. RBU 12-22E, 2,026' FSL, 956' FWL, NW/4 SW/4 Section 22, T10S, R19E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and two copies of the *Application for Permit to Drill (APD)* for the above referenced well. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Agent for Dominion

RECEIVED

JUN 1 1 2003

DIV. OF UIL, GAS & MINING

cc: Diana Mason, Division of Oil, Gas and Mining Carla Christian, Dominion Marty Buys, Buys & Associates, Inc.

FILE COPY

Form 3160-3 (December 1990)

**UNITED STATES** 

SUBMIT IN "LICATE\* (Other instruction reverse side)

Form approved.

| Budget l | Bureau l | No. 10 | 04-0136 |
|----------|----------|--------|---------|
| xpires:  | Decem    | ber 31 | , 1991  |

| 0 1  | DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT |                 |                                  |                   |        |                       |          |              | 5. LEASE DESIGNATION A U-013792       |               |
|--|--|-----------------|----------------------------------|-------------------|--------|-----------------------|----------|--------------|---------------------------------------|---------------|
|  | APPLICA'   | TION F          | OR PERMIT T                      | O DRILL           | OR     | DEEPEN                |          |              | 6. IF INDIAN, ALLOTTEE (              | OR TRIBE NAME |
| 1a. TYPE OF WORK   | DRILL  | ĸ               | DEEPEN                           |                   |        |                       |          |              | 7. UNIT AGREEMENT NAM<br>River Bend U |               |
| b. TYPE OF WELL<br>OIL<br>WELL   | GAS<br>WELL  | OTHER           |                                  | SINGLE<br>ZONE    | ĸ      | MULTIPLE<br>ZONE      |          |              | 8. FARM OR LEASE NAME<br>RBU 12-22E   |               |
| 2. NAME OF OPERATOR  |  | oration &       | Production, Inc.                 |                   |        |                       |          |              | 9 API WELL NO.<br>43-047-3            | 5042          |
| 3. ADDRESS AND TELE  |  | oration oc      | Troduction, me.                  |                   | •      |                       |          |              | 10. FIELD AND POOL, OR                | WILDCAT       |
| 1/   | 1000 Ouail Sn  | rings Parl      | cway, Suite 600, Ok              | lahoma City.      | OK     | 73134. 405            | -749-6   | 690          | Natural Buttes                        | s             |
| 4. LOCATION OF WELL At surface   | . (Report location clear                             | y and in accord | ance with any State requirements | : *)              | ı      | 14205567<br>604830X - | 39.9     | 13052        | 11. SEC.,T.,R.,M., OR BLK.            |               |
|  | 2,0  | 026' FSL,       | , 956' FWL                       | NW/4 S            | W/4    | 404830 X -            | 109.7    | 17319        | Section 22                            |               |
| At proposed prod. zone 2.026' FSL, 956' FWL NW/4 SW/4                                  |  |                 |                                  |                   |        | T10S, R19E, S         |          |              |                                       |               |
| 14. DISTANCE IN MILE   | S AND DIRECTION                                      | FROM NEARE      | ST TOWN OR POST OFFICE*          |                   |        |                       |          |              | 12. COUNTY OR PARISH                  | 13. STATE     |
|  | 12   | .02 miles       | southwest of Ouray               | , Utah            |        |                       |          |              | <u>Uintah</u>                         | <u>Utah</u>   |
| 15. DISTANCE FROM PI<br>LOCATION TO NEA<br>PROPERTY OR LEA<br>(Also to nearest drig. 1 | REST<br>SE LINE, FT.                                 | 956'            | 16.                              | NO. OF ACRES IN L | EASE   |                       |          | то тн        | ACRES ASSIGNED IS WELL ACRES          |               |
| 18. DISTANCE FROM P  |  | 930             | 19.                              | PROPOSED DEPTH    |        |                       |          |              | OR CABLE TOOLS                        |               |
| LOCATION TO NEA<br>DRILLING, COMPL<br>APPLIED FOR, ON T                                | AREST WELL,<br>ETED, OR                              | 1,355'          |                                  | 7,200'            |        |                       |          |              | otary                                 |               |
| 21. ELEVATIONS (Show   | w whether DF,RT,GR,e                                 |                 |                                  | <u> </u>          |        |                       |          | 22.          | APPROX. DATE WORK WILL                | START*        |
|  |  | 5,210'          | GR                               |                   |        |                       |          |              | December 1, 200                       | 3             |
| 23.  |  |                 | PROPOSED CASING                  | AND CEMENT        | ring f | ROGRAM                |          |              |                                       |               |
| SIZE OF HOLE   | GRADE, SIZE C  | F CASING        | WEIGHT PER FOOT                  | SETTING DE        | PTH.   |                       |          | QUANTI       | TY OF CEMENT                          |               |
| 17-1/2"  | 13-3/8" H-4  | 0 ST&C          | 48#                              | 500'              |        | 450 sacks Cla         | ss C cem | ent + 2% Ca  | Cl <sub>2</sub> + 1/4 #/sk. Poly-E-F  | lakes         |
| 12-1/4"  | 8-5/8" J-55  | LT&C            | 32#                              | 2,200'            |        | 385 sacks Lea         | d and 37 | 0 sacks Tail | (see Drilling Plan)                   |               |
| 7-7/8"   | 5-1/2" Mav-  | 80 LT&C         | 17#                              | 7,200             |        | 160 sacks Lea         | d and 43 | 5 sacks Tail | (see Drilling Plan)                   |               |

#### **Bond Information:**

Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond #76S 63050 0330

#### Other Information:

Drilling Plan and Surface Use Plan are attached.

Dominion requests that this complete application for permit to drill be held confidential.

A request for exception to spacing (R649-3-2) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well.

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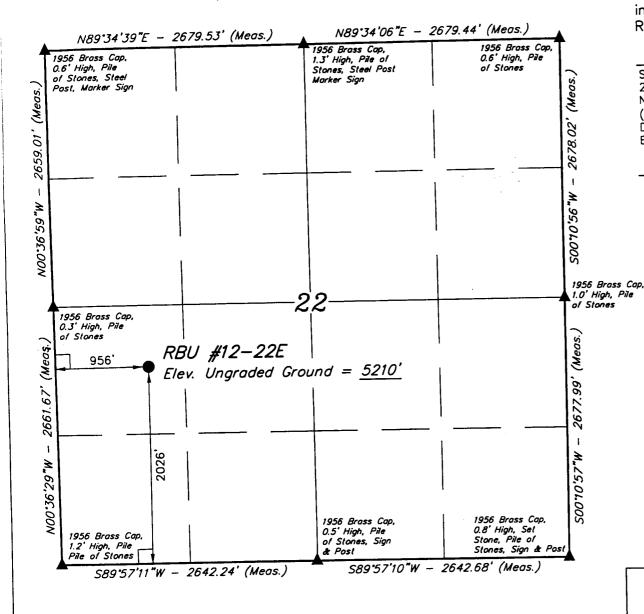
## CONFIDENTIAL

DIV. OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give cations and measured and true vertical depths. Give blowout preventer program, if any

| <b>P</b> |                            |                         | -                          |                |                             |         |          |               |                     |
|----------|----------------------------|-------------------------|----------------------------|----------------|-----------------------------|---------|----------|---------------|---------------------|
| 24.      | signed Don                 | Hamilton                | Don Hamilton               | _TITLE         | Agent for Dom               | ninion  | DATE_    | June 6, 2003  |                     |
|          | (This space for Federal or | State office use)       |                            |                |                             |         |          |               |                     |
|          | 10                         | -047-3504               | 3                          |                | APPROVAL DATE               | ADDDO\/ | ED BY T  | HE STATI      | <del></del>         |
|          | PERMIT NO45                | -041-3701               | <u> </u>                   |                |                             | AFFIOV  |          |               |                     |
|          |                            |                         | tify that the applicant ho |                | auteable title to those rig |         | アドーフリスパミ | ON n O Enduct | operations thereon. |
|          | Application approval       | does not warrant or cei | tify that the applicant no | ids legal or e | quitable title to those rig |         | O AND    | AMAHAIA       | •••                 |
|          | CONDITIONS OF APPR         | OVAL, IF ANY:           | Fe                         | deral Apt      | proval of this              | OIL, GP | 32, AND  | MINING        |                     |
|          |                            |                         | 40                         | tion in Ale    | ecessary                    | DATE /  | 5-18-0   | ) 5           |                     |
|          | APPROVED BY                |                         | A4C.                       | THILE          | cessary                     | DAIL.   | W 475    | 7/            |                     |
|          |                            |                         |                            |                |                             | BY:     | 4,845    |               |                     |
|          |                            |                         | -1-                        | 0 T            | tations On                  |         |          |               |                     |

# T10S, R19E, S.L.B.&M.



## LEGEND:

= 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

LATITUDE =  $39^{5}5^{5}1.66$ " (39.931017)LONGITUDE = 109'46'27.85" (109.774403)

(NAD 83)

## DOMINION EXPLR. & PROD., INC.

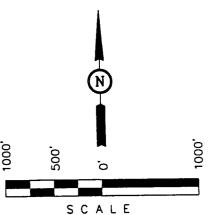
Well location, RBU #12-22E, located as shown in the NW 1/4 SW 1/4 of Section 22, T10S, R19E, S.L.B.&M. Uintah County, Utah.

## BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R19E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.

## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

> REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UTAH

# UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

| (100)               |                            |                         |  |  |  |
|---------------------|----------------------------|-------------------------|--|--|--|
| SCALE<br>1" = 1000' | DATE SURVEYED:<br>04-14-03 | DATE DRAWN:<br>05-07-03 |  |  |  |
| G.O. M.P. D.COX     | REFERENCES G.L.O. PLAT     |                         |  |  |  |
| WEATHER<br>WARM     | FILE DOMINION EXPLE        | R. & PROD., INC.        |  |  |  |

#### **DRILLING PLAN**

#### APPROVAL OF OPERATIONS

#### **Attachment for Permit to Drill**

Name of Operator:

**Dominion Exploration & Production** 

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

**RBU 12-22E** 

2026' FSL & 956' FWL Section 22-10S-19E Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uintah

## 2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

| <u>Formation</u>  | <u>Depth</u> |
|-------------------|--------------|
| Green River       | 1,153        |
| Wasatach Tongue   | 4,063`       |
| Uteland Limestone | 4,393        |
| Wasatch           | 4,721        |
| Chapita Wells     | 5,453        |
| Uteland Buttes    | 6,653        |

## 3. ESTIMATED DEPTHS OF ANTICIPATED WATER. OIL, GAS OR MINERALS

| <u>Formation</u>  | <u>Depth</u> | Type |  |
|-------------------|--------------|------|--|
| Green River       | 1,153        | Oil  |  |
| Wasatch Tongue    | 4,063'       | Oil  |  |
| Uteland Limestone | 4,393'       | Oil  |  |
| Wasatch           | 4,721'       | Gas  |  |
| Chapita Wells     | 5,453        | Gas  |  |
| Uteland Buttes    | 6,653'       | Gas  |  |

#### 4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

| Type                    | <u>Size</u> | <u>Weight</u>        | <u>Grade</u> | Conn.      | <u>Top</u> | <u>Bottom</u>            | <u>Hole</u>                |
|-------------------------|-------------|----------------------|--------------|------------|------------|--------------------------|----------------------------|
| Surface<br>Intermediate |             | 48.0 ppf<br>32.0 ppf | J-55         | STC<br>LTC | 0'<br>0'   | 500'<br>2,200'<br>7,200' | 17-½"<br>12-1/4"<br>7-7/8" |
| Production              | 5-1/2"      | 17.0 ppf             | MAV-80       | LTC        | 0,         | 7,200                    | 1-1/8                      |

## 5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

#### **DRILLING PLAN**

## **APPROVAL OF OPERATIONS**

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

| 1. | Annular BOP                                 | 1,500 psi |
|----|---|-----------|
| 2. | Ram type BOP                                | 3,000 psi |
| 3. | Kill line valves                            | 3,000 psi |
| 4. | Choke line valves and choke manifold valves | 3,000 psi |
| 5. | Chokes                                      | 3,000 psi |
| 6. | Casing, casinghead & weld                   | 1,500 psi |
| 7. | Upper kelly cock and safety valve           | 3,000 psi |
| 8. | Dart valve                                  | 3,000 psi |

#### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

| Depths          | Mud Weight (ppg) | Mud System                              |
|-----------------|------------------|---|
| 0200            | 8.4              | Air foam mist, no pressure control      |
| 500' - 2,200'   | 8.6              | Fresh water, rotating head and diverter |
| 2,200' - 7,200' | 8.6              | Fresh water/2% KCL/KCL mud system       |

#### 7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

### 8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

## 9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

## 0. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

#### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

#### **DRILLING PLAN**

#### APPROVAL OF OPERATIONS

#### 12. CEMENT SYSTEMS

a. Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl<sub>2</sub> and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

- b. Intermediate Casing Cement:
  - Drill 12-1/4" hole to 2,200'+, run and cement 8-5/8" to surface.
  - Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
  - Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.

Cement to surface not required due to surface casing set deeper than normal.

|             |       |                 |                |              | Hole          | Cement        |        |
|-------------|-------|-----------------|----------------|--------------|---------------|---------------|--------|
| <u>Type</u> | Sacks | <u>Interval</u> | <b>Density</b> | <u>Yield</u> | <u>Volume</u> | <u>Volume</u> | Excess |
| Lead        | 385   | 0'-1.700'       | 11.0 ppg       | 3.82 CFS     | 733 CF        | 1,466 CF      | 100%   |
| Tail        | 370   | 1.700'-2.200'   | 15.6 ppg       | 1.20 CFS     | 220 CF        | 440 CF        | 100%   |

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield: 3.82 cf/sack Slurry weight: 11.00 #/gal.

Water requirement: 22.95 gal/sack Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.

Pump Time: 1 hr. 5 min. @ 90 °F. Compressives @ 95 °F: 24 Hour is 4,700 psi

- c. Production Casing Cement:
  - Drill 7-7/8" hole to 7,200'±, run and cement 5 1/2".
  - Cement interface is at 4,000', which is typically 500'-1,000' above shallowest pay.
  - Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
  - Displace with 3% KCL.

|   |   |                                 |                                      | Hole                              | Comon                             |                        |
|---|---|---------------------------------|--------------------------------------|-----------------------------------|-----------------------------------|------------------------|
| Type         Sack           Lead         160           Tail         435 | s <u>Interval</u><br>3,700'-4,700'<br>4,700'-7,200' | Density<br>11.5 ppg<br>13.0 ppg | <u>Yield</u><br>3.12 CFS<br>1.75 CFS | <u>Volume</u><br>175 CF<br>473 CF | <u>Volume</u><br>350 CF<br>946 CF | Excess<br>100%<br>100% |
| Ian 433   | 7,700 7,200   | 10.0 PPB                        |                                      |                                   |                                   |                        |

Note: Caliper will be run to determine exact cement volume.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.

Water requirement: 17.71 gal/sack
Compressives (a) 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322,

& HR-5.

Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.

Water requirement: 9.09 gal/sack Compressives @ 165°F: 905 psi after 24 hours

## 13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: December 1, 2003

Duration: 14 Days

#### SURFACE USE PLAN

### CONDITIONS OF APPROVAL

Attachment for Permit to Drill

Name of Operator:

**Dominion Exploration & Production** 14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

Address:

**RBU 12-22E** 

2026' FSL & 956' FWL Section 22-10S-19E Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The onsite inspection for the referenced well was conducted on Tuesday, May 20, 2003 at approximately 12:10 am. In attendance at the onsite inspection were the following individuals:

John Bingham Stephanie Howard Dixie Sadler Robert Kay **Brent Stubbs** 

Company Representative **Environmental Scientist** Wildlife Biologist

Bureau of Land Management Bureau of Land Management Uintah Engineering and Land Surveying Registered Land Surveyor

Rvan Jackson Don Hamilton

Foreman Foreman Permitting Agent Stubbs & Stubbs Oil Field Construction **Jackson Construction** 

Dominion Exploration & Production, Inc.

Buys & Associates, Inc.

#### **Existing Roads:** 1.

- The proposed well site is located approximately 12.02 miles southwest of Ouray, UT. a.
- Directions to the proposed well site have been attached at the end of Exhibit B. b.
- The use of roads under State and County Road Department maintenance is necessary to c. access the River Bend Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- All existing roads will be maintained and kept in good repair during all phases of operation. d.
- Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate e. with road and weather conditions.
- Since no improvements are anticipated to the State, County or BLM access roads no topsoil f. striping will occur.
- An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor g. since both are located on-lease.

#### 2. Planned Access Roads:

- a. From the existing gravel surfaced, Dominion maintained road an access is proposed trending southeast approximately 400' to the proposed well site. The access consists of entirely new disturbance. A road design plan is not anticipated at this time.
- b. The proposed access road will consist of a 14' travel surface within a 30' disturbed area.
- c. Proposed access will utilize entirely federal lands in which a right-of-way is not anticipated at this time. Approval to construct and utilize the proposed access road is requested with this application.
- d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.
- e. No turnouts are proposed since the access road is only 400' long and adequate site distance exists in all directions.
- f. Adequate drainage structures will be incorporated into the remainder of road.
- g. No surfacing material will come from federal or Indian lands.
- h. No gates or cattle guards are anticipated at this time.
- i. Surface disturbance and vehicular travel will be limited to the approved location access road.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: <u>Surface Operating Standards</u> for Oil and Gas Exploration and <u>Development</u>, (1989).
- k. The operator will be responsible for all maintenance of the access road including drainage structures.

#### 3. Location of Existing Wells:

a. Following is a list of existing wells within a one mile radius of the proposed well:

i. Water wells None
ii. Injection wells None
iii. Disposal wells None
iv. Drilling wells None
v. Temp. shut-in wells None
vi. Producing wells 19
vii. Abandon wells 2

b. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

#### 4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the west side of the well site and traverse west then north to the proposed 6" pipeline corridor along the proposed access corridor. The 6" pipeline corridor has previously been proposed through a separate Right-of-Way application.
- The gas pipeline will be a 4" steel surface line within a 20' wide utility corridor. The use of the proposed and existing access roads will facilitate the staging of the pipeline construction.
   A new pipeline length of approximately 500' is associated with this well.
- j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

#### 5. Location and Type of Water Supply:

a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

## 6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from BLM.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

## 7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the south side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.

- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. After first production, produced wastewater will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, an application for approval of a permanent disposal method and location will be applied for in accordance with Onshore Order #7.
- Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed
  of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

#### 8. Ancillary Facilities:

a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

## 9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the west.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with a responsible company representative, contractors, and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.

- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

#### 10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix is as follows:

Shads Scale 5 pounds per acre
Gardner Salt Brush 3 pounds per acre
Galleta Grass 3 pounds per acre
Crested Wheat Grass 1 pounds per acre

## 11. Surface and Mineral Ownership:

 a. Both Surface and Mineral Ownership is Federal under the management of the Bureau of Land Management – Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

#### 12. Other Information:

- a. AIA Archaeological will conduct a Class III archeological survey. A copy of the pending report will be submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Our understanding of the results of the onsite inspection are:
  - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
  - b. No significant nesting raptors species are anticipated in the area since suitable nesting habitat does not exist.

c. No drainage crossings that require additional State or Federal approval are being crossed.

#### 13. Operator's Representative and Certification

| Title   | Name   | Office Phone                                       |
|---|--|--|
| Company Representative (Roosevelt) Company Representative (Oklahoma) Agent for Dominion | Mitchiel Hall<br>Carla Christian<br>Don Hamilton | 1-435-722-4521<br>1-405-749-5263<br>1-435-637-4075 |

#### Certification:

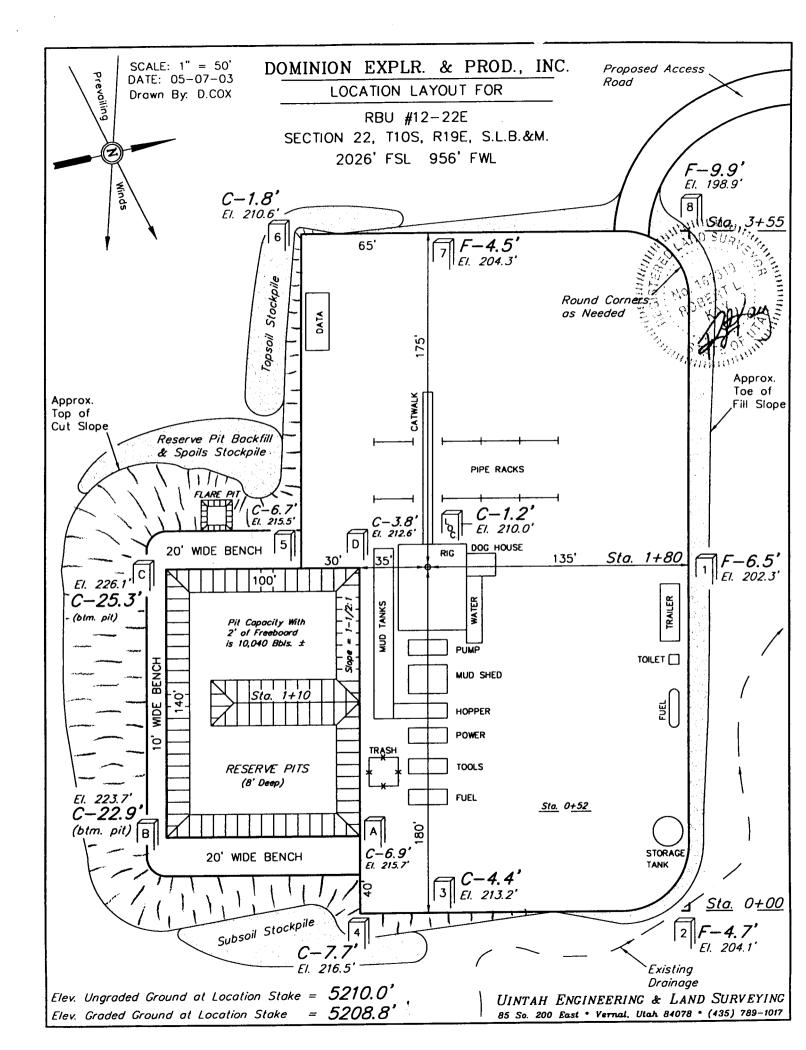
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

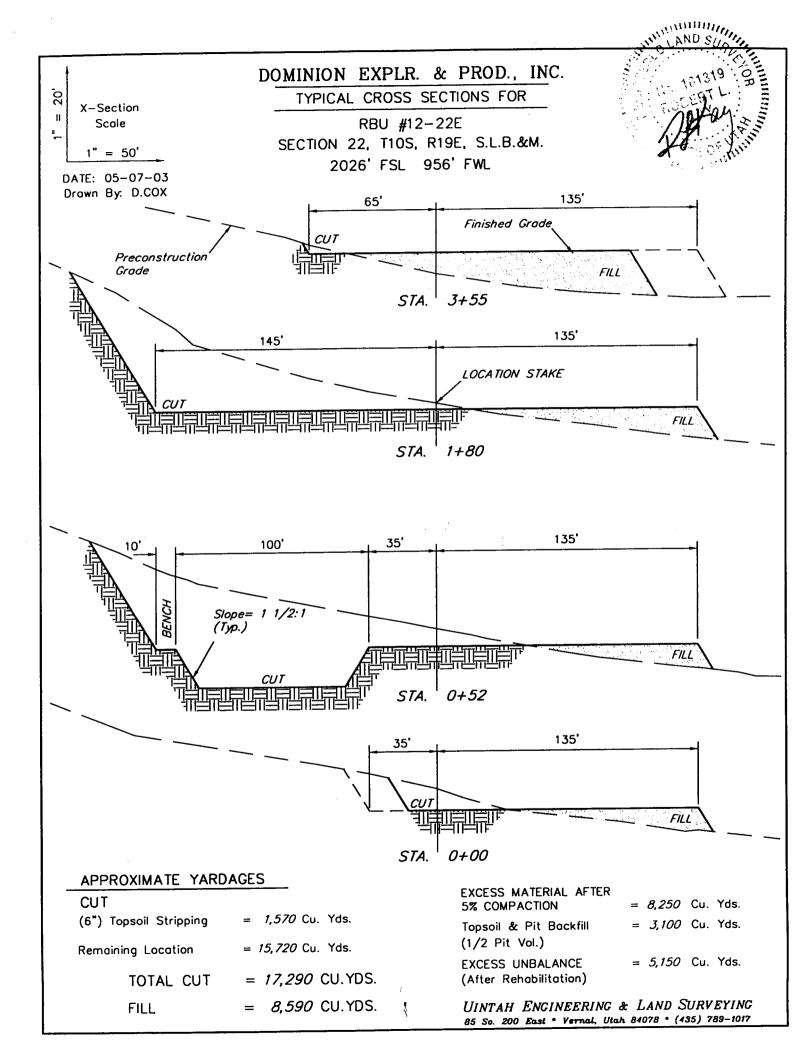
Signature: Don Hamilton Date: 6-6-03

# DOMINION EXPLR. & PROD., INC. RBU #12-22E SECTION 22, T10S, R19E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND A WESTERLY, THEN SOUTHWESTERLY PROCEED IN APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; PROCEED IN A NORTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 2.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 2.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMIATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 400' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 53.6 MILES.





# DOMINION EXPLR. & PROD., INC.

LOCATED IN UINTAH COUNTY, UTAH SECTION 22, T10S, R19E, S.L.B.&M.

LOCATION STAKE

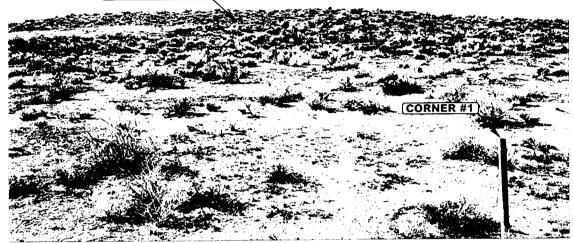


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKE

**CAMERA ANGLE: SOUTHERLY** 

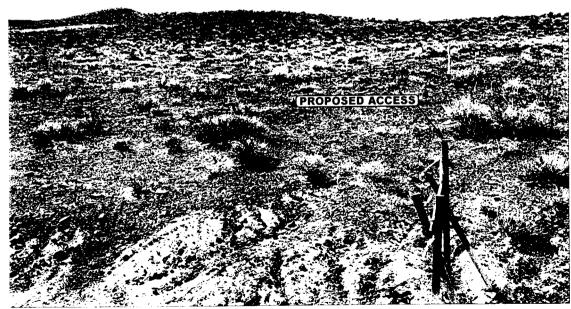


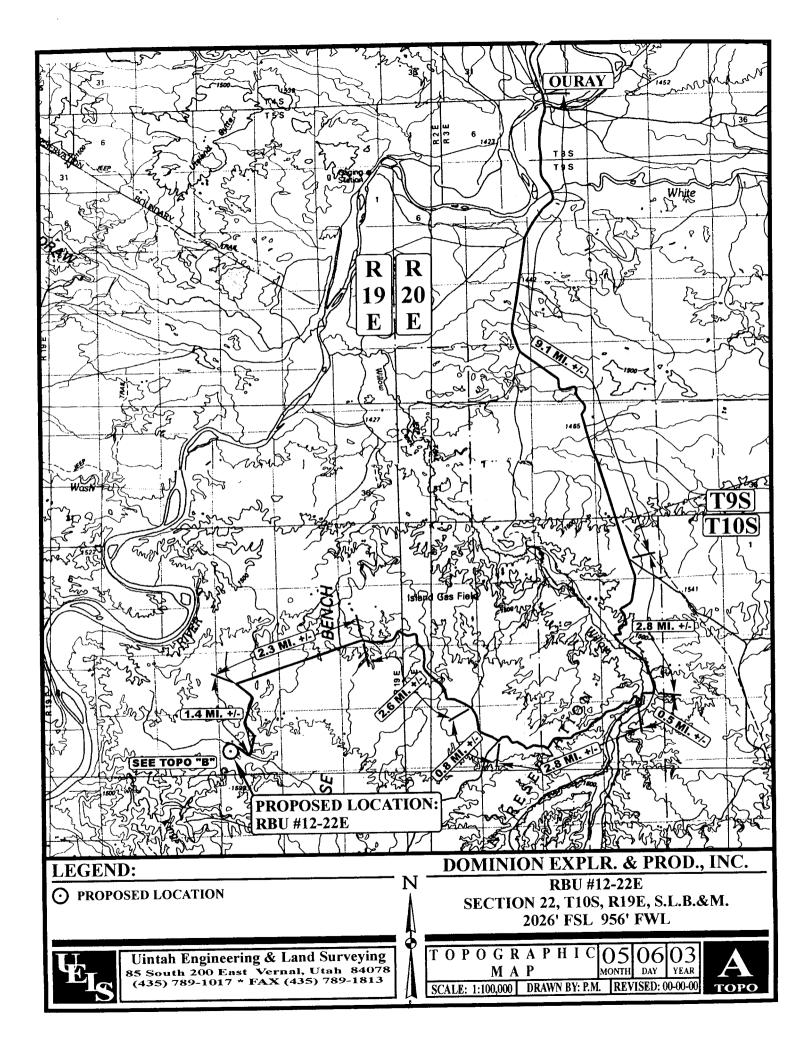
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

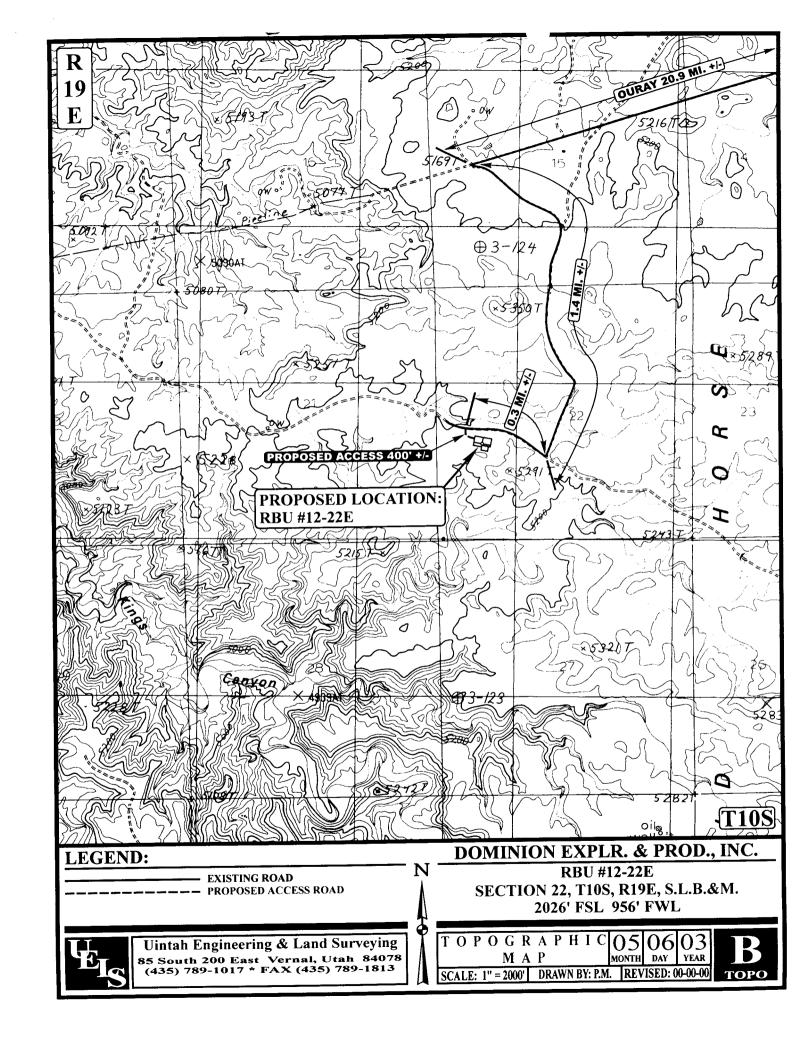
CAMERA ANGLE: SOUTHERLY

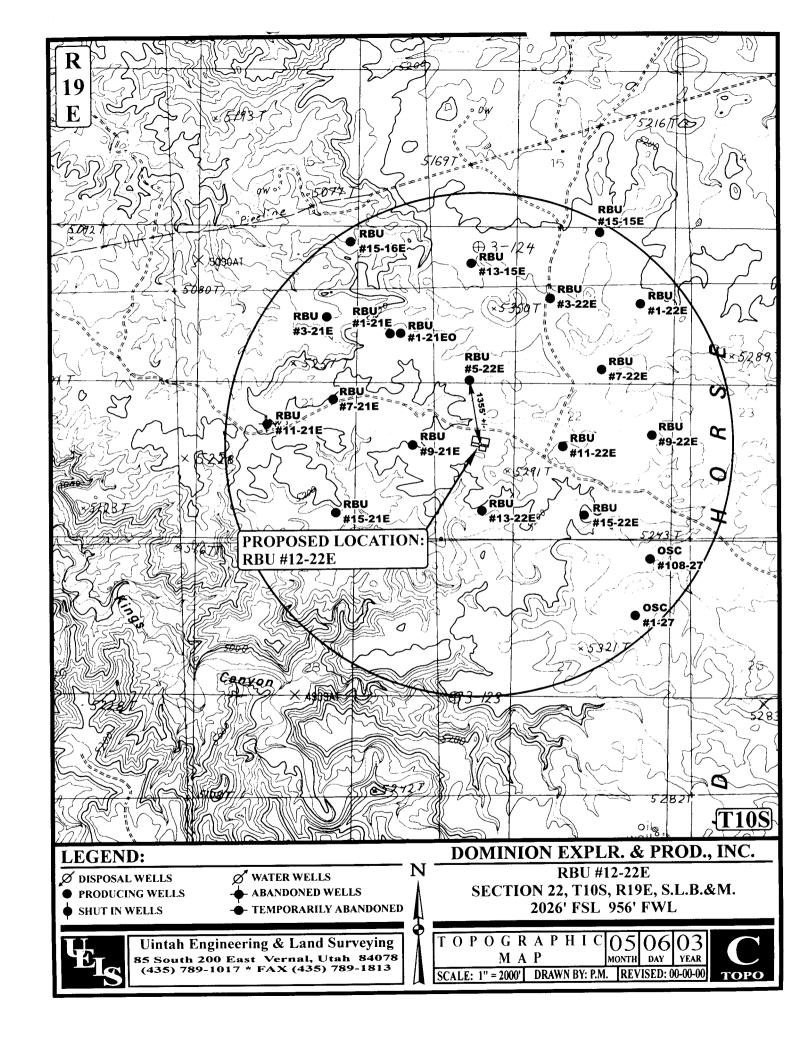


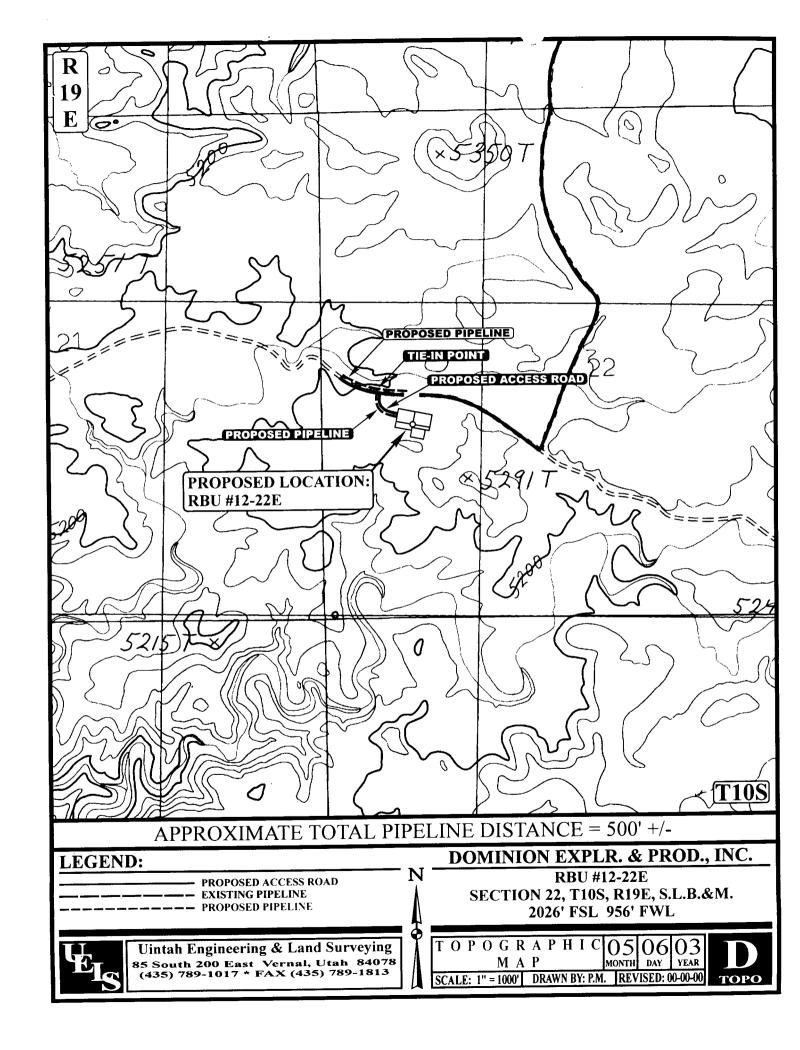
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

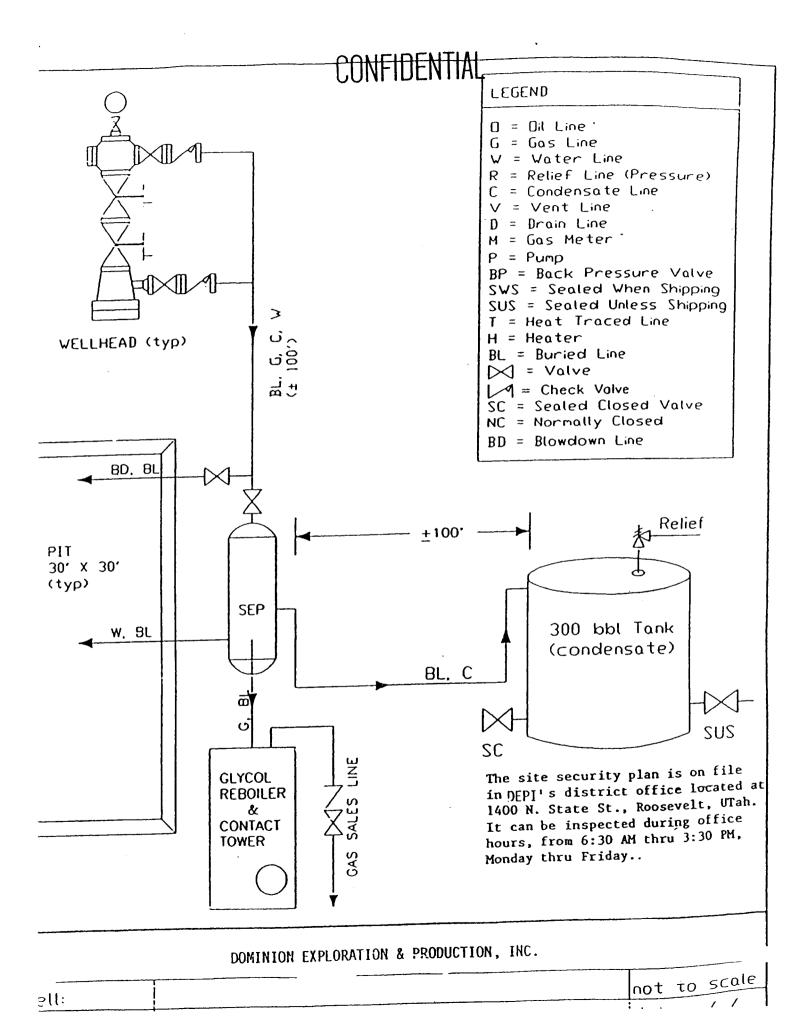
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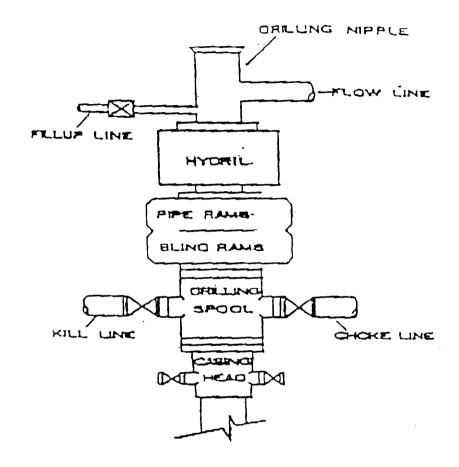




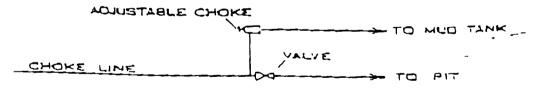




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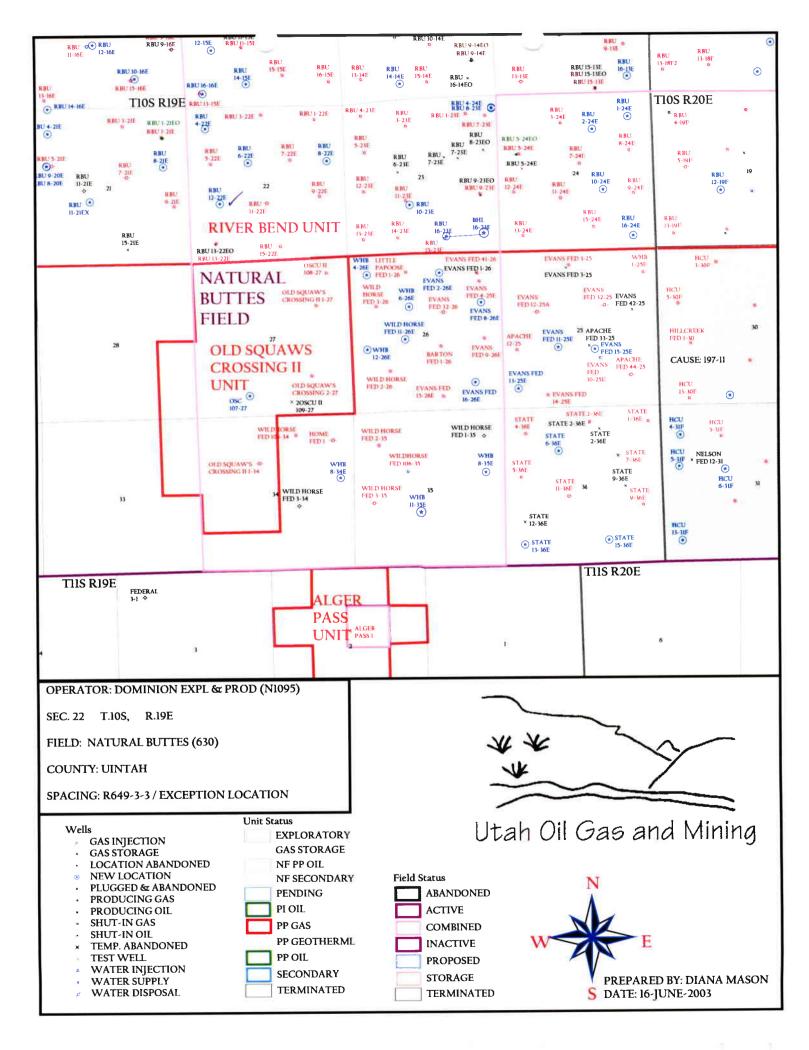


# CHOKE MANIFOLD



# WORKSHEET APPLICATION FOR PERMIT TO DRILL

| APD RECEIVED: 06/11/2003   | API NO. ASSIGNED: 43-047-35042  |
|--|---|
| WELL NAME: RBU 12-22E  OPERATOR: DOMINION EXPL & PROD ( N1095 )  CONTACT: DON HAMILTON | PHONE NUMBER: 435-687-5310  |
| PROPOSED LOCATION:  NWSW 22 100S 190E  | INSPECT LOCATN BY: / /  |
| SURFACE: 2026 FSL 0956 FWL BOTTOM: 2026 FSL 0956 FWL UINTAH                            | Tech Review Initials Date  Engineering  |
| NATURAL BUTTES ( 630 )   | Geology   |
| LEASE TYPE: 1 - Federal  | Surface   |
| LEASE NUMBER: U-013792  SURFACE OWNER: 1 - Federal  PROPOSED FORMATION: WSTC           | LATITUDE: 39.93052  LONGITUDE: 109.77319  |
| RECEIVED AND/OR REVIEWED:  | LOCATION AND SITING:  |
| <pre> ✓ Plat ✓ Bond: Fed[1] Ind[] Sta[] Fee[]</pre>                                    | R649-2-3.  Unit RIVER BEND  R649-3-2. General     Siting: 460 From Qtr/Qtr & 920' Between Wells  R649-3-3. Exception  Drilling Unit     Board Cause No:     Eff Date:     Siting:  R649-3-11. Directional Drill |
| STIPULATIONS: 1- Ederal approval  Z. Spaing She  |   |



## BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

June 18, 2003

#### Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2003 Plan of Development River Bend Unit,

Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2003 within the River Bend Unit, Uintah County, Utah.

Api Number

Well

Location

(Proposed PZ Mesaverde)

43-047-35041 RBU 16-23E Sec. 23 T10S R19E 0544 FSL 1810 FEL BHL 0650 FSL 0550 FEL

(Proposed PZ Wasatch)

43-047-35042 RBU 12-22E Sec. 22 T10S R19E 2026 FSL 0956 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - River Bend Unit

Division of Oil Gas and Mining

Agr. Sec. Chron Fluid Chron

MCoulthard:mc:6-18-3

005



Michael O. Leavitt Governor Kathleen Clarke Executive Director Lowell P. Braxton Division Director 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax) 801-538-7223 (TDD)

June 18, 2003

Dominion Exploration & Production, Inc. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134

Re: River Bend Unit 12-22E Well, 2026' FSL, 956' FWL, NW SW, Sec. 22, T. 10 South,

R. 19 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35042.

Sincerely,

John R. Baza

Associate Director

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

| Operator: Dominion Exploration & Production, Inc. |         |                    |                   |  |  |
|---|---------|--------------------|-------------------|--|--|
| Well Name & Number                                | River E | Bend Unit 12-22E   |                   |  |  |
| API Number:                                       | 43-047  | -35042             |                   |  |  |
| Lease:  | U-0137  | 192                |                   |  |  |
| Location: NW SW                                   | Sec. 22 | <b>T.</b> 10 South | <b>R.</b> 19 East |  |  |

## **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

## 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Form >160-3

1a. TYPE OF WORK

b. TYPE OF WELL

2. NAME OF OPERATOR

At proposed prod. zone

3. ADDRESS AND TELEPHONE NO.

15. DISTANCE FROM PROPOSED

(Also to nearest drig. unit line, if any)

APPLIED FOR, ON THIS LEASE,FT.

21. ELEVATIONS (Show whether DF,RT,GR,etc.)

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

18 DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL.

WELL

At surface

SUBMIT IN TENDLICATES (Othe

Form approved.

| TATE T BIA T   | LICALL |
|----------------|--------|
| r instructions |        |
| verse side)    |        |

|                 | APPLICATION FOR PERMIT TO DRILL OR DEEPEN            |  |
|-----------------|--|--|
| 006             | DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT |  |
| (December 1990) | UNITED STATES  |  |

999

12.02 miles southwest of Ouray, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

| UNITED STATES   | (Other instructions reverse side) | Expires: December 31, 1991                   |
|---|-----------------------------------|--|
| <b>DEPARTMENT OF THE INTERIOR</b> BUREAU OF LAND MANAGEMENT                   |                                   | 5. LEASE DESIGNATION AND SERIAL NO. U-013792 |
| APPLICATION FOR PERMIT TO DRILL   | OR DEEPEN                         | 6, IF INDIAN, ALLOTTEE OR TRIBE NAME  N/A    |
| DRILL 🗹 DEEPEN 🗆  |                                   | 7. UNIT AGREEMENT NAME River Bend Unit       |
| GAS SINGLE ZONE ZONE  | MULTIPLE ZONE                     | 8. FARM OR LEASE NAME, WELL NO.  RBU 12-22E  |
| TOR   |                                   | 9 API WELL NO.<br>43-047-35042               |
| Dominion Exploration & Production, Inc.                                       |                                   | 10. FIELD AND POOL, OR WILDCAT               |
| 14000 Quail Springs Parkway, Suite 600, Oklahoma City, O                      | OK 73134, 405-749-6690            | Natural Buttes                               |
| ELL (Report location clearly and in accordance with any State requirements.*) | 44206164 39.93106                 | 11. SEC.,T.,R.,M., OR BLK.                   |
| 2,222' FSL, 999' FWL NW/4 SW  | V/4 604843x -109 77303            | Section 22                                   |
| 2,222' FSL, 999' FWL NW/4 SW  |                                   | T10S, R19E, SLB&M                            |
| THE PERSON OF A PERSON OF A PERSON OF TAXABLE PROPERTY.                       |                                   | I 12. COUNTI ON PARISH I 13. STATE           |

Uintah

22. APPROX. DATE WORK WILL START\*

NO OF ACRES ASSIGNED

TO THIS WELL

40 acres

Rotary

20. ROTARY OR CABLE TOOLS

**Utah** 

|              | 5,210'                                 | GR              |               | December 1, 2003  |
|--------------|--|-----------------|---------------|---|
|              | ······································ | PROPOSED CASING | AND CEMENTING | PROGRAM   |
| SIZE OF HOLE | GRADE, SIZE OF CASING                  | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT  |
| 17-1/2"      | 13-3/8" H-40 ST&C                      | 48#             | 500'          | 450 sacks Class C cement + 2% CaCl <sub>2</sub> + 1/4 #/sk. Poly-E-Flakes |
| 12-1/4"      | 8-5/8" J-55 LT&C                       | 32#             | 2,200'        | 385 sacks Lead and 370 sacks Tail (see Drilling Plan)                     |
| 7-7/8"       | 5-1/2" May-80 LT&C                     | 17#             | 7,200'        | 160 sacks Lead and 435 sacks Tail (see Drilling Plan)                     |

16. NO. OF ACRES IN LEASE

1,882.20

19. PROPOSED DEPTH

7,200'

## **Bond Information:**

Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond #76S 63050 0330

#### Other Information:

APPROVED BY

Drilling Plan and Surface Use Plan are attached.

Dominion requests that this complete application for permit to drill be held confidential.

A request for exception to spacing (R649-3-2) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well.



Approved by the Utah Division of Oil, Gas and Mining

|    |   | #= N | ŗ  |  |   | F |
|----|---|------|----|--|---|---|
| LO | w |      | ٠, |  | ڼ | i |

DATE

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data pres

| pertinent data on subsurface local | tions and measured and true vertical depths. Give blow | vout prevente | er program, if any |       |                 |
|------------------------------------|--|---------------|--------------------|-------|-----------------|
| signed Don                         | Hamilton Don Hamilton                                  | _TITLE        | Agent for Dominion | DATE_ | August 25, 2003 |

| (This space for Federal or State office use)  |   |   |
|---|---|---|
| PERMIT NO.  | APPROVAL DATE   |   |
| Application approval does not warrant or certify that the CONDITIONS OF APPROVAL, IF ANY: | applicant holds legal or equitable title to those rights in the subject lea | se which would entitle the applicant to conduct operations thereo |

\*See Instructions On Reverse Side

Form 3160-5 (June 1990)

#### **D STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

| 5. | Lease Designation and Serial | NO. |
|----|------------------------------|-----|
|    | U-013792                     |     |

| SUNDRY NOTICES                   | AND       | REPORTS          | ON      | WELLS       |         |
|----------------------------------|-----------|------------------|---------|-------------|---------|
| use this form for proposals to d | rill or t | o deenen or reci | ntry to | a different | reservo |

oir. Do not use this form for proposals Use "APPLICATION FOR PERMIT--" for such proposals

| 6. | lf Indian, Allottee or Tribe Name<br>N/A |  |
|----|--|--|
| 7. | If Unit or CA, Agreement Designation     |  |

| Use "APPLICATION FOR   | (TERIVITI 101 Such proposition   | N/A   |
|--|--|---|
| SUBMIT I   | N TRIPLICATE   | 7. If Unit or CA, Agreement Designation River Bend Unit   |
| 1. Type of Well Oil X Gas  |  | 8. Well Name and No.<br>RBU 12-22E  |
| 2. Name of Operator Dominion Exploration & Production.   | 9. API Well No.<br>43-047-35042  |   |
|  | 600, Oklahoma City, OK 73134, 405-74   | 19-6690 10. Field and Pool, or Exploratory Area Natural Buttes  |
| <ol> <li>Location of Well (Footage, Sec., T., R:, M., or Surve<br/>2,026' FSL, 956' FWL NW/4 SW</li> </ol> | ey Description)<br>7/4, Section 22, T10S, R19E, SLB&M  | 11. County or Parish, State Uintah, Utah  |
| 12. CHECK APPROPRIATE BOX(s)   | TO INDICATE NATURE OF NOTICE   | E, REPORT, OR OTHER DATA  |
| TYPE OF SUBMISSION   | TY   | YPE OF ACTION   |
| Notice of Intent  Subsequent Report  Final Abandonment Notice  | Change of Name Recompletion Plugging Back Casing Repair Altering Casing Well site relocation to avoid cultural | Change of Plans  New Construction  Non-Routine Fracturing  Water Shut-Off  Conversion to Injection  Dispose Water |

13. Describe Proposed or Completed Operations ( Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The RBU 12-22E well site has been relocated 200.66' to avoid a cultural resource found during the cultural resources survey. The relocation is following the federal onsite and prior to federal approval. All other aspects of the pad, drilling program and surface use plan remain the same and the well remains on Federal surface and Federal mineral.

The revised location for the RBU 12-22E is 2,222' FSL, 999' FWL, NW/4 SW/4, Section 22, T10S, R19E, SLB&M.

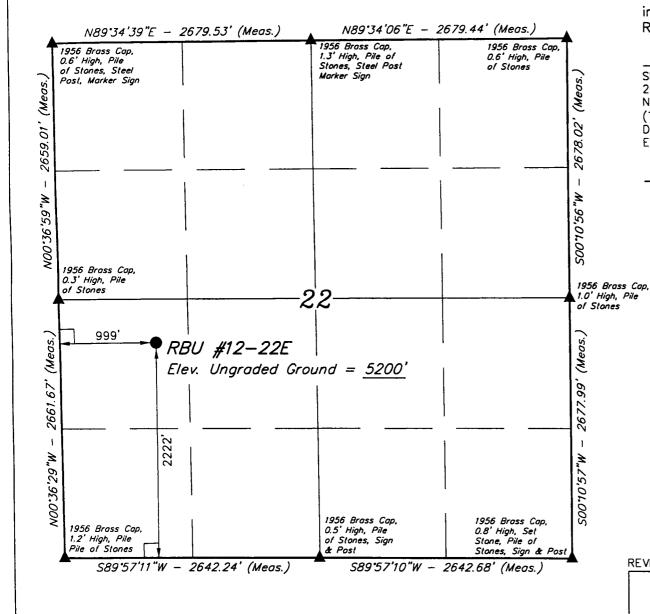
FILE COPY

Attached please find an updated Form 3, Exhibit "A" and "B" and updated cover pages for Exhibit "D" and "E" to replace those previously submitted within the APD on June 6, 2003.

## CONFIDENTIAL

| 14. I hereby certify that the foregoing    | is true and correct                 |      |      |                 |   |   |
|--|-------------------------------------|------|------|-----------------|---|---|
| Signed Don Hamilton                        | on Hamilton Title Agent for Dominic | on   | Date | August 25, 2003 |   | _ |
| (This space for Federal or State office    |                                     |      |      |                 | RECEIVED                                  |   |
| (This space for redefair or State of the   | ,                                   | Ditt |      |                 | A CALL CARD THEORY & All Spines after the |   |
| Approved byConditions of approval, if any: | Title                               | Date |      |                 | AUG 2 8 2003                              |   |
|  |                                     |      |      |                 |   |   |

# T10S, R19E, S.L.B.&M.



## LEGEND:

= 90° SYMBOL

PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED

(NAD 83)

LATITUDE =  $39^{5}5^{5}3.59$ " (39.931553)

LONGITUDE =  $109^{4}6'27.32''$  (109.774256)

## DOMINION EXPLR. & PROD., INC.

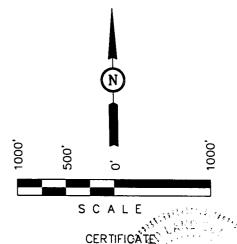
Well location, RBU #12-22E, located as shown in the NW 1/4 SW 1/4 of Section 22, T10S, R19E, S.L.B.&M. Uintah County, Utah.

#### BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R19E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.

#### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



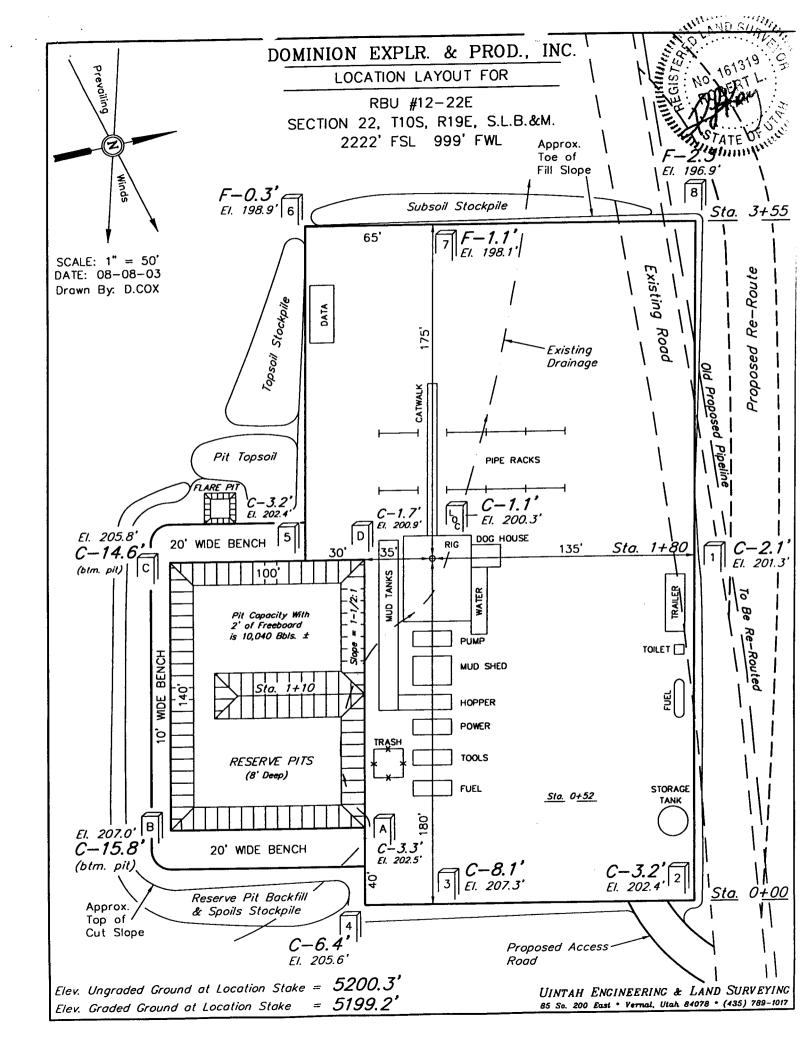
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY MEOOR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BEGGED . TO

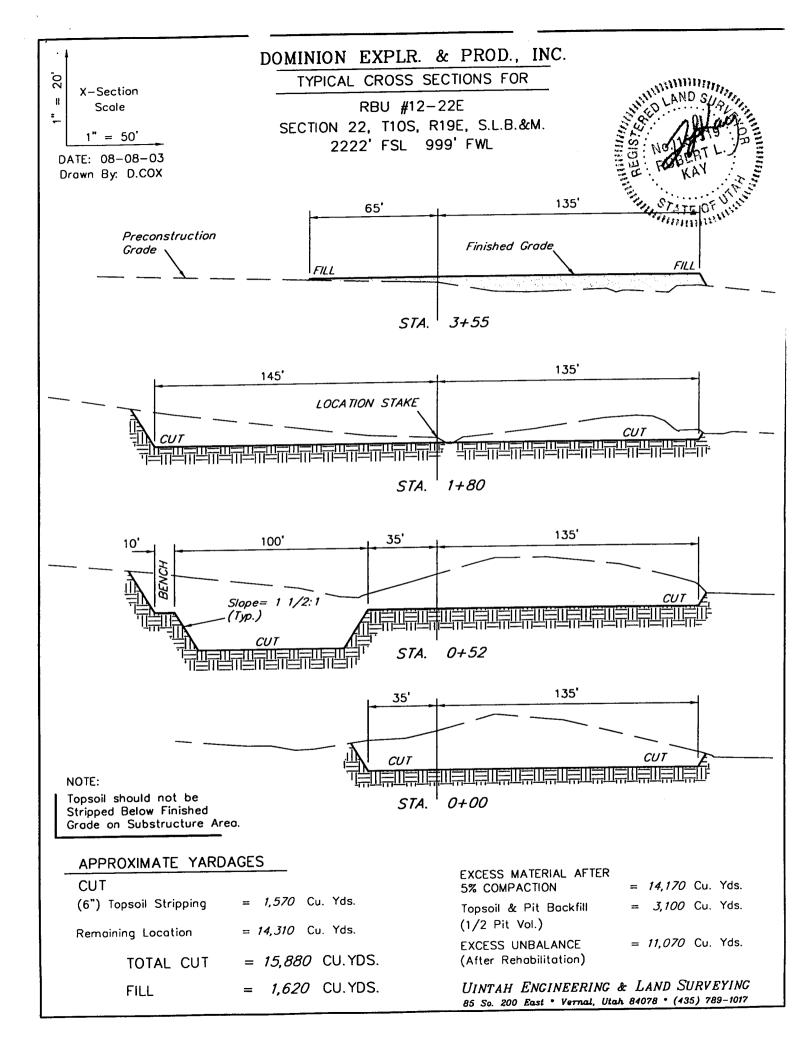
> REGISTERED LAND SURVEYOR REGISTRATION NO. 161379 STATE OF UTAH

REVISED: 08-08-03 D.COX

## UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE DATE SURVEYED: DATE DRAWN: 1" = 100004-14-03 05-07-03 PARTY REFERENCES G.O. M.P. D.COX G.L.O. PLAT WEATHER





# DOMINION EXPLR. & PROD., INC.

LOCATED IN UINTAH COUNTY, UTAH SECTION 22, T108, R19E, S.L.B.&M.

LOCATION STAKE

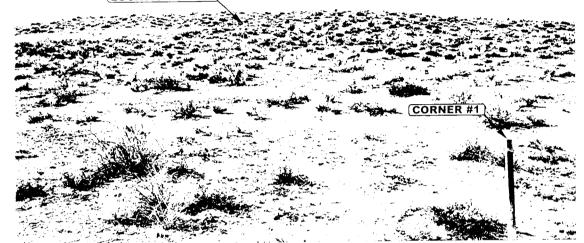


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY

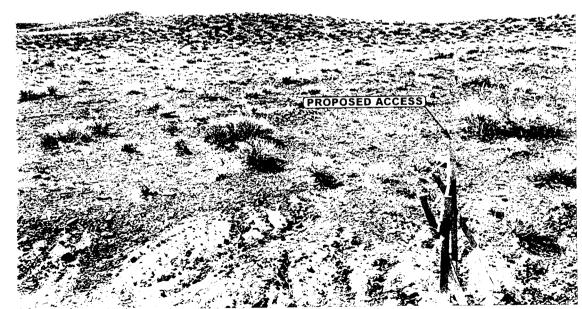
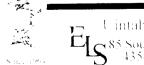


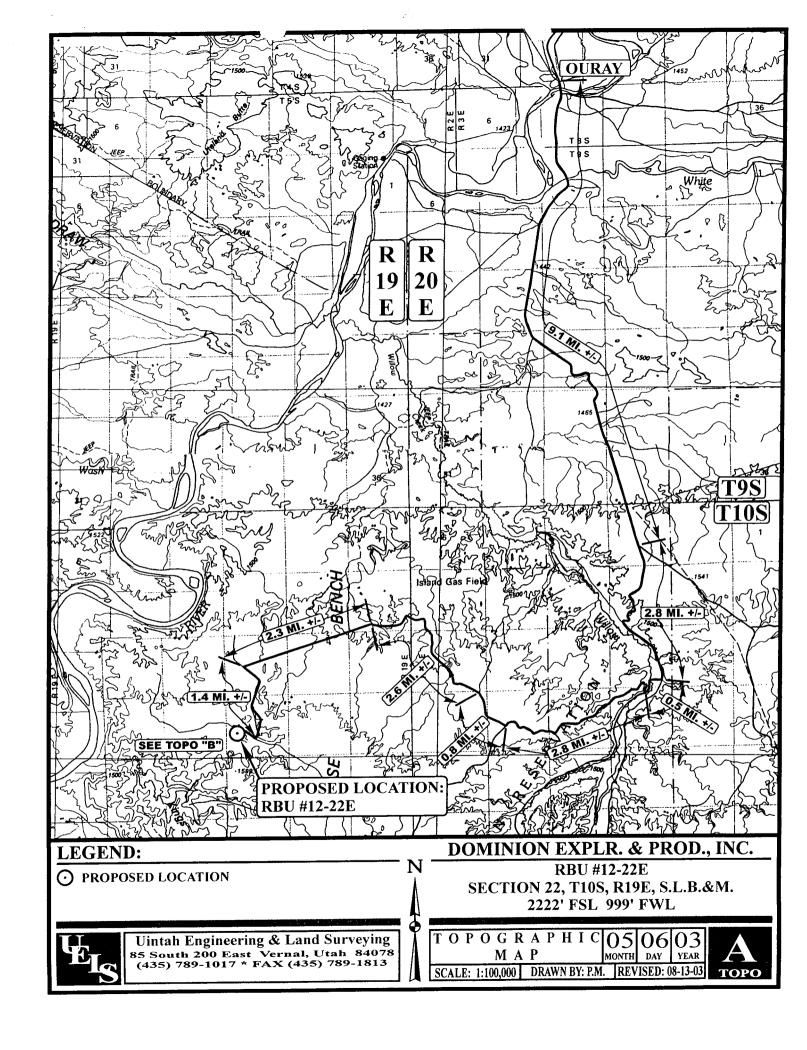
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

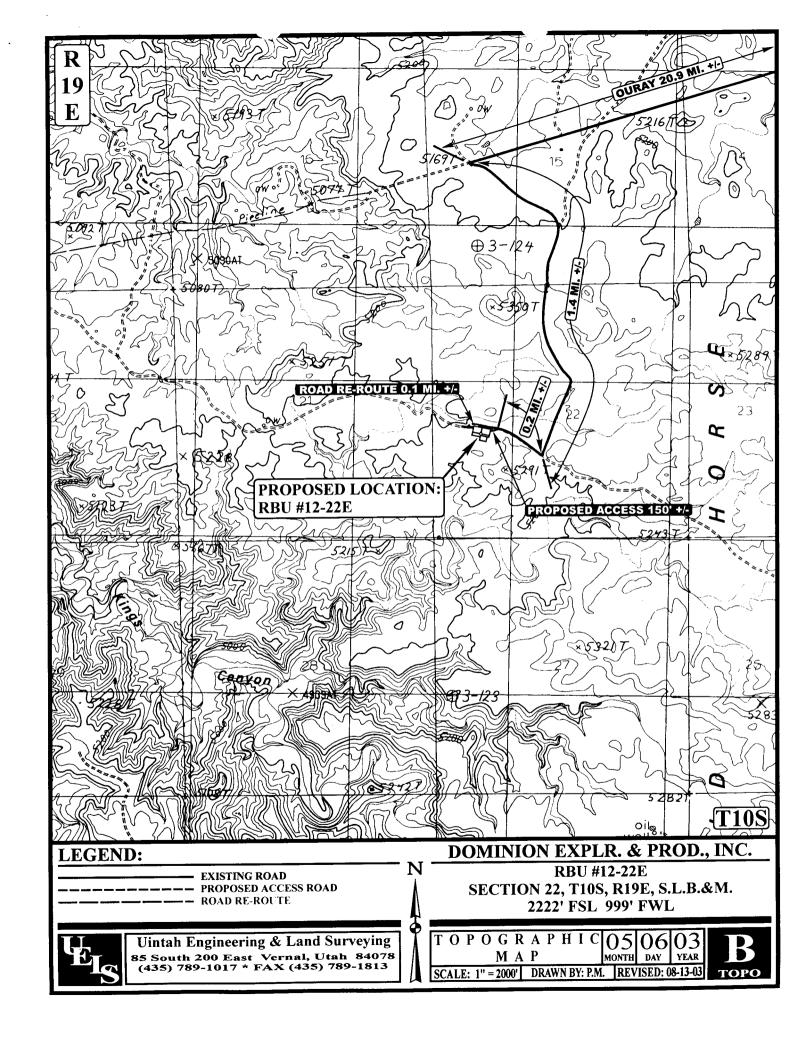
CAMERA ANGLE: SOUTHERLY

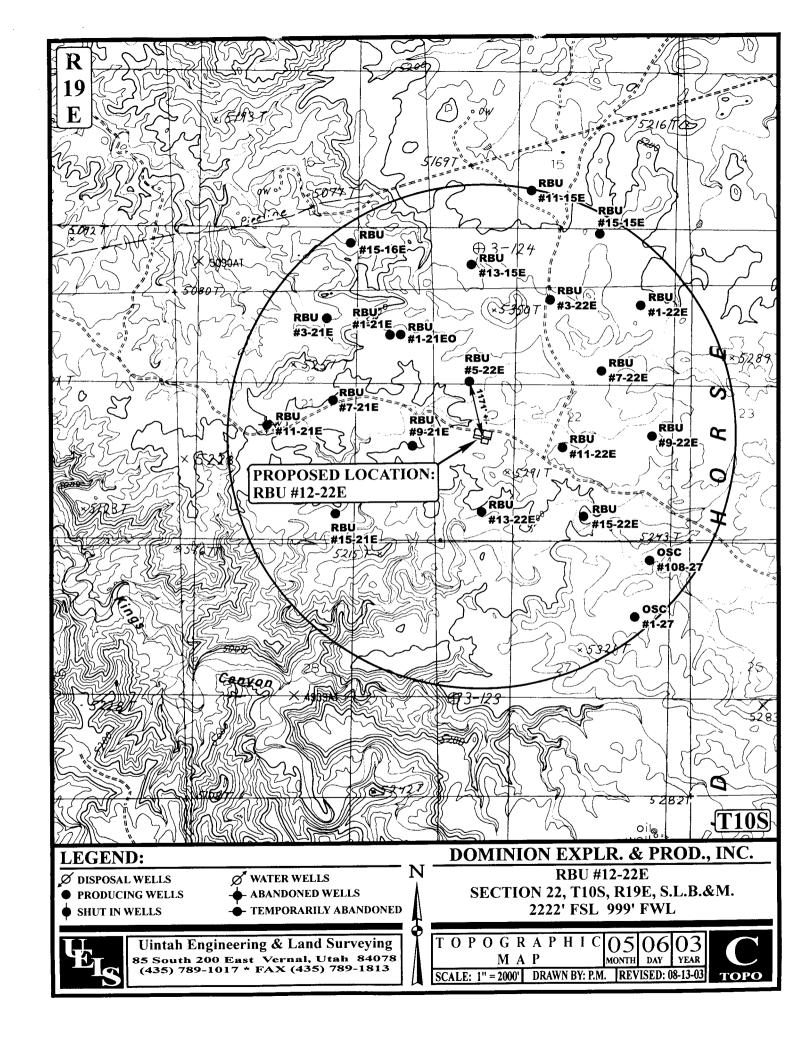


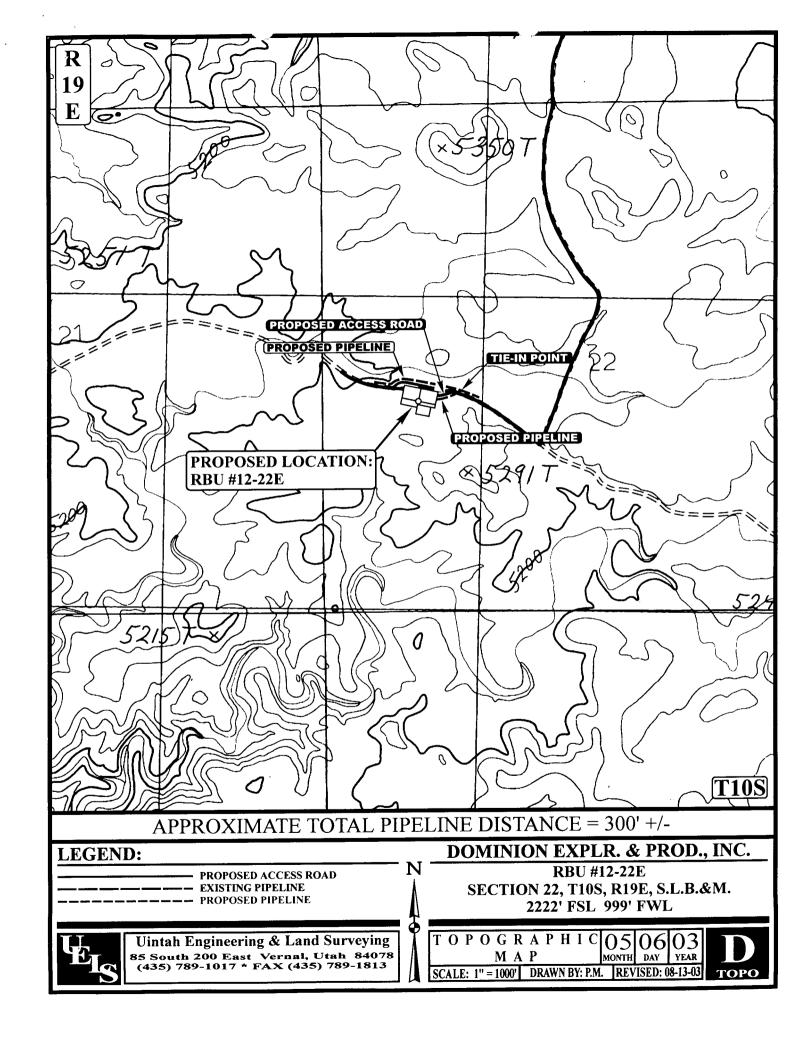
Lintah Engineering & Land Surveying S South 200 East Vernal, Utah 84078 435-789-1017 uels *a* uelsine.com

|                |               | MONTH | DAY     | YEAR        | рното |
|----------------|---------------|-------|---------|-------------|-------|
| TAKEN BY: G.O. | DRAWN BY: P.M | . REV | ISED: ( | H)-()()-(H) |       |









# DOMINION EXPLR. & PROD., INC. RBU #12-22E SECTION 22, T10S, R19E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; PROCEED IN A NORTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 2.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 2.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMIATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 150' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 53.5 MILES.

# APPROVAL OF OPERATIONS

#### **Attachment for Permit to Drill**

Name of Operator:

**Dominion Exploration & Production** 

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

**RBU 12-22E** 

2222' FSL & 999' FWL Section 22-10S-19E Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uintah

# 2. <u>ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS</u>

| <u>Formation</u>  | <u>Depth</u> |
|-------------------|--------------|
| Green River       | 1,153        |
| Wasatach Tongue   | 4,063`       |
| Uteland Limestone | 4,393`       |
| Wasatch           | 4,721        |
| Chapita Wells     | 5,453        |
| Uteland Buttes    | 6,653        |

# 3. ESTIMATED DEPTHS OF ANTICIPATED WATER. OIL, GAS OR MINERALS

| <u>Formation</u>  | <u>Depth</u> | Type |
|-------------------|--------------|------|
| Green River       | 1,153        | Oil  |
| Wasatch Tongue    | 4,063'       | Oil  |
| Uteland Limestone | 4,393        | Oil  |
| Wasatch           | 4,721        | Gas  |
| Chapita Wells     | 5,453'       | Gas  |
| Uteland Buttes    | 6,653        | Gas  |

#### 4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

| Type         | Size    | Weight   | <u>Grade</u> | Conn. | <u>Top</u> | Bottom | <u>Hole</u> |
|--------------|---------|----------|--------------|-------|------------|--------|-------------|
| Surface      | 13-3/8" | 48.0 ppf | H-40         | STC   | 0,         | 500'   | 17-1/2"     |
| Intermediate | 8-5/8"  | 32.0 ppf | J-55         | LTC   | 0'         | 2,200' | 12-1/4"     |
| Production   | 5-1/2"  | 17.0 ppf | MAV-80       | LTC   | 0,         | 7,200  | 7-7/8"      |

## 5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

<u>Production hole</u>: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

### SURFACE USE PLAN

## CONDITIONS OF APPROVAL

Attachment for Permit to Drill

Name of Operator:

Dominion Exploration & Production

Address: 14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

RBU 12-22E 2222' FSL & 999' FWL

Section 22-10S-19E Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The onsite inspection for the referenced well was conducted on Tuesday, May 20, 2003 at approximately 12:10 am. In attendance at the onsite inspection were the following individuals:

John Bingham Stephanie Howard Dixie Sadler Company Representative Environmental Scientist Wildlife Biologist Registered Land Surveyor Dominion Exploration & Production, Inc. Bureau of Land Management

Robert Kay
Brent Stubbs
Ryan Jackson
Don Hamilton

Foreman
Foreman
Permitting Agent

Bureau of Land Management Uintah Engineering and Land Surveying Stubbs & Stubbs Oil Field Construction

Jackson Construction Buys & Associates, Inc.

#### 1. Existing Roads:

- a. The proposed well site is located approximately 12.02 miles southwest of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance is necessary to access the River Bend Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County or BLM access roads no topsoil striping will occur.
- g. An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor since both are located on-lease.

| UNI' Form 3 : 60-5  (June 1520)  BUREAU OF LA  | STATES  OF THE INTERIOR ND MANAGENENS  | FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993  5. Lease Designation and Serial No.                       |
|--|--|--|
| THE PARTY OF THE P | U-013792   |  |
| Do not use this form for proposals to arm  | ND REPORTS ON WELLS or to deepen or reentry to a different reservoir. PERMIT" for such proposals | 6. If Indian, Allottee or Tribe Name N/A   |
| 007  SUBMIT II   | V TRIPLICATE   | 7. If Unit or CA, Agreement Designation River Bend Unit  |
| 1. Type of Well S Gas  | AUG 2.7 2003   | 8. Well Name and No.<br>RBU 12-22E   |
| Name of Operator     Dominion Exploration & Production,  |  | 9. API Well No.<br>43-047-35042  |
| 3. Address and Telephone No.<br>14000 Quail Springs Parkway, Suite   | 600, Oklahoma City, OK 73134, 405-74   | 9-6690 10. Field and Pool, or Exploratory Area Natural Buttes  |
| 4. Location of Well (Footage, Sec., T., R., M., or Surv. 2,026' FSL, 956' FWL NW/4 SW  | by Description) 7/4, Section 22, T10S, R19E, SLB&M   | 11. County or Parish, State Uintah, Utah   |
| 12. CHECK APPROPRIATE BOX(s)   | TO INDICATE NATURE OF NOTICE   | E, REPORT, OR OTHER DATA   |
|  | TY   | YPE OF ACTION  |
| TYPE OF SUBMISSION  Notice of Intent   |  | VERNAL DIST.   |
| <del>-</del>   | Change of Name   | Change of Plans GEOL   |
| X Subsequent Report  | Recompletion   | New Construction   |
| Final Abandonment Notice   | Plugging Back  | Non-Routine Fracturings.  Water Shut-Off   |
|  | Casing Repair  | Conversion to Injection  |
|  | Altering Casing  | Dispose Water  A.M.  |
|  | Well site relocation to avoid cultural   | including estimated date of starting any proposed work. If well is   |
| The RBU 12-22E well site h   | as been relocated 200.66' to avoid   | l a cultural resource found during the<br>the federal onsite and prior to federal<br>am and surface use plan remain the same |
| Section 22, T10S, R  | e RBU 12-22E is 2,222' FSL, 999'<br>19E, SLB&M.  |  |
|  | pdated Form 3, Exhibit "A" and "<br>lace those previously submitted w                            | B" and updated cover pages for Exhibit within the APD on June 6, 2003.  ORIGINAL CONFIDENTIAL                                |
| 14. I hereby certify that the foregoing is true and cor  | rect   |  |
| Signed Don Hamilton  | Title Agent for Dominion   | DateAugust 25, 2003  |
| Signed Jon Namelton Don Hamilton   | Title Agent for Dollaries.   |  |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or frauduler statements or representations as to any matter within its jurisdiction.

Date

12/11/11/11/D

COAs Page 1 of 7 Well No.: RBU 12-22E

# CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

| Company/Operator:          | Dominion Exploration & Production Inc.         |  |  |  |
|----------------------------|--|--|--|--|
| Well Name & Number:        | RBU 12-22E                                     |  |  |  |
| API Number:                | 43-047-35042                                   |  |  |  |
| Lease Number:              | UTU – 013792                                   |  |  |  |
| Location: NWSW S           | Sec. <u>22</u> TWN: <u>10S</u> RNG: <u>19E</u> |  |  |  |
| Agreement: RIVER BEND UNIT |  |  |  |  |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

#### CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

## A. DRILLING PROGRAM

## 1. <u>Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are</u> Expected to be Encountered

Report <u>ALL</u> water shows and water-bearing sands encountered to John Mayers of this office prior to setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a <u>3M</u> system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

## Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

COAs Page 3 of 7 Well No.: RBU 12-22E

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the intermediate casing at least 200 ft. above the top of the Green River Formation, identified at ±1,210 ft and having a cement top for the production casing at least 200 ft. above the base of the usable water zone identified at 4,110 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

### 4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

## 5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor proof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

#### 6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

COAs Page 4 of 7 Well No.: RBU 12-22E

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shutin the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

### 7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

COAs Page 5 of 7 Well No.: RBU 12-22E

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office.

All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874

Petroleum Engineer

(435) 828-7875

Kirk Fleetwood Petroleum Engineer

BLM FAX Machine (435) 781-4410

# EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

. Drums, insulation and miscellaneous solids

COAs Page 7 of 7 Well No.: RBU 12-22E

## **CONDITIONS OF APPROVAL**

For The Surface Use Program Of The Application For Permit To Drill

Company/Operator:

Dominion Exploration and Production Inc. API Number:

Well Name & Number: RBU 12-22E

Surface Ownership: BLM

Lease Number:

UTU013792

Date NOS Received: 4/8/03

Location:

NWSW Sec. 22, T10S, R19E

Date APD Received: 6/11/03

- Line the pit with plastic and felt.
- The seed mix for this location shall be:

5 lbs./acre Atriplex confertifolia Shadscale Hilaria iamesii 3 lbs./acre Galleta grass 3 lbs./acre Atriplex gardneri Gardner saltbush Crested wheatgrass Agropyron cristatum 1 lbs./acre

- -All pounds are in pure live seed.
- -Reseeding may be required if first seeding is not successful.
- 4 to 6 inches of topsoil should be stripped from the location and windrowed as shown on the cut sheet. The topsoil shall then be broadcast seeded with the recommended seed mix immediately after it has been windrowed and the seed walked into the soil with a dozer.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding should take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.

Form 3160-5 (August 1999) 016

# **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

| FORM APPROVED              |
|----------------------------|
| OMB NO. 1004-0135          |
| Expires: November 30, 2000 |

| SUNDRY NO          | TICES AND REPORTS ON WELLS                   |
|--------------------|--|
| Do not use this fo | orm for proposals to drill or to re-enter an |
| abandoned well.    | Use form 3160-3 (APD) for such proposals.    |

5. Lease Serial No. U-013792

| Do not use thi<br>abandoned wei  | 6. If Indian, Allottee   | 6. If Indian, Allottee or Tribe Name                                 |  |   |  |
|--|--|--|--|---|--|
| SUBMIT IN TRIPLICATE - Other instructions on reverse side.   |  |  | 7. If Unit or CA/Agre                  | 7. If Unit or CA/Agreement, Name and/or No. |  |
| 1. Type of Well  | 8. Well Name and No  | ).   |  |   |  |
| 🗌 Oil Well 🛛 Gas Well 🔲 Oth  | ner  |  | RBU 12-22E                             |   |  |
| 2. Name of Operator DOMINION EXPL. & PROD.,  |  | RLA CHRISTIAN<br>ail: Carla_M_Christian@don                          | 9. API Well No.<br>43-047-35042        |   |  |
| 3a. Address<br>14000 QUAIL SPRINGS PAR<br>OKLAHOMA CITY, OK 73134  | KWAY, SUITE 600 Pr   | . Phone No. (include area code<br>n: 405.749.5263<br>c: 405.749.6690 | ) 10. Field and Pool, o<br>NATURAL BU  |   |  |
| 4. Location of Well (Footage, Sec., T  | , R., M., or Survey Description)   |  | 11. County or Parish                   | , and State                                 |  |
| Sec 22 T10S R19E NWSW 26   | 12 F SL 999 FNL  |  | UINTAH COUN                            | NTY, UT                                     |  |
| 12. CHECK APPI   | ROPRIATE BOX(ES) TO IN   | DICATE NATURE OF   | NOTICE, REPORT, OR OTHE                | ER DATA                                     |  |
| TYPE OF SUBMISSION   |  | ТҮРЕ О   | F ACTION                               |   |  |
|  | ☐ Acidize  | □ Deepen   | ☐ Production (Start/Resume)            | ☐ Water Shut-Off                            |  |
| ☑ Notice of Intent   | ☐ Alter Casing   | ☐ Fracture Treat   | ☐ Reclamation                          | □ Well Integrity                            |  |
| ☐ Subsequent Report  | ☐ Casing Repair  | ☐ New Construction   | Recomplete                             | ☑ Other                                     |  |
| ☐ Final Abandonment Notice   | ☐ Change Plans   | ☐ Plug and Abandon   | □ Temporarily Abandon                  | Change to Original A<br>PD                  |  |
|  | ☐ Convert to Injection   | ☐ Plug Back  | □ Water Disposal                       | 1.0   |  |
| Dominion request permission casing. See attached new dri   | to change TD from 7,200 to 8<br>lling plan.                                | 3,400 and to eliminate the   | 13 3/8" surface                        |   |  |
|  |  | CONTRACTOR AND                   | ENT TO OFFERATOR 6-18-04 C17-0         |   |  |
| 14. I hereby certify that the foregoing is   | true and correct. Electronic Submission #301                               | 71 verified by the BLM Wel   | I Information System                   |   |  |
|  | For DOMINION EX  | PL. & PROD., INC., sent to   | the Vernal                             |   |  |
| Name (Printed/Typed) CARLA C   | HRISTIAN   | Title AUTHO  | DRIZED REPRESENTATIVE                  |   |  |
| Signature (Electronic S  | Submission)  | Date 04/30/2   | 2004                                   |   |  |
|  | THIS SPACE FOR   | FEDERAL OR STATE   | OFFICE USE                             |   |  |
| Approved By  Conditions of approval, if any, are attache certify that the applicant holds legal or exwhich would entitle the applicant to conductive to conduct the applicant the a | uitable title to those rights in the sub-<br>ict operations thereon.       | warrant or ject lease Office   | ADLEY G. HILL<br>NMENTAL SCIENTIST III | Date Olo-11509                              |  |
| Title 18 U.S.C. Section 1001 and Title 43<br>States any false, fictitious or fraudulent  | U.S.C. Section 1212, make it a crim statements or representations as to an | e for any person knowingly and<br>ny matter within its jurisdiction  | willfully to make to any department of | r agency of the United                      |  |

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* 0 5 2004

### **APPROVAL OF OPERATIONS**

#### **Attachment for Permit to Drill**

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

RBU 12-22E

2026' FSL & 956' FWL Section 22-10S-19E Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uintah

#### 2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

| Formation         | <u>Depth</u> |
|-------------------|--------------|
| Green River       | 1,153        |
| Wasatach Tongue   | 4,063        |
| Uteland Limestone | 4,393        |
| Wasatch           | 4,721        |
| Chapita Wells     | 5,453'       |
| Uteland Buttes    | 6,653        |
|                   |              |

#### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER. OIL, GAS OR MINERALS

| <u>Formation</u>  | <u>Depth</u> | <u>Type</u> |
|-------------------|--------------|-------------|
| Green River       | 1,153'       | Oil         |
| Wasatch Tongue    | 4,063        | Oil         |
| Uteland Limestone | 4,393'       | Oil         |
| Wasatch           | 4,721'       | Gas         |
| Chapita Wells     | 5,453        | Gas         |
| Uteland Buttes    | 6,653'       | Gas         |

#### 4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

| <u>Type</u> | Size   | Weight   | <u>Grade</u> | Conn. | <u>Top</u> | Bottom | <u>Hole</u> |
|-------------|--------|----------|--------------|-------|------------|--------|-------------|
| Surface     | 8-5/8" | 32.0 ppf | J-55         | STC   | 0,         | 2,000  | 12-1/4"     |
| Production  | 5-1/2" | 17.0 ppf | MAV-80       | LTC   | 0.         | 8,400  | 7-7/8"      |

Note: The drilled depth of the surface hole and the setting depth of the surface casing may vary from 1,700' to 2,000'. Should a lost circulation zone be encountered while drilling, casing will be set approximately 300' below the lost circulation zone. If no lost circulation zone is encountered, casing to be set at 2,000'±.

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#### APPROVAL OF OPERATIONS

#### 5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized. Air foam mist, rotating head and diverter system will be utilized. Production hole: Prior to drilling out the surface casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

| 1. | Annular BOP                                 | 1,500 psi |
|----|---|-----------|
| 2. | Ram type BOP                                | 3,000 psi |
| 3. | Kill line valves                            | 3,000 psi |
| 4. | Choke line valves and choke manifold valves | 3,000 psi |
| 5. | Chokes                                      | 3,000 psi |
| 6. | Casing, casinghead & weld                   | 1,500 psi |
| 7. | Upper kelly cock and safety valve           | 3,000 psi |
| 8. | Dart valve                                  | 3,000 psi |

#### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

| <u>Depths</u>   | Mud Weight (ppg) | Mud System                                |
|-----------------|------------------|---|
| 0' - 2,000'     | 8.4              | Air foam mist, rotating head and diverter |
| 2,000' - 8,400' | 8.6              | Fresh water/2% KCL/KCL mud system         |

#### BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

#### 8. <u>AUXILIARY EQUIPMENT TO BE USED</u>

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

## 9. TESTING. LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to surface casing.
- The gamma ray will be left on to record from total depth to surface casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to surface casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

#### 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

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#### APPROVAL OF OPERATIONS

#### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

#### 12. CEMENT SYSTEMS

#### a. Surface Cement:

- Drill 12-1/4" hole to 2,000'±, run and cement 8-5/8" to surface (depth to vary based on depth of lost circulation zone).
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement the casing annulus to surface. Top out jobs to be performed if needed. Depending to depth of top of cement in the annulus, a 1" tubing string may or may not be utilized.

|             |         |                 |                |              | <u>Hole</u>   | <u>Cement</u> |                   |
|-------------|---------|-----------------|----------------|--------------|---------------|---------------|-------------------|
| <u>Type</u> | Sacks 5 | <u>Interval</u> | <b>Density</b> | <u>Yield</u> | <u>Volume</u> | <u>Volume</u> | <u>Excess</u>     |
| Lead        | 252     | 0'-1,500'       | 11.0 ppg       | 3.82 CFS     | 619 CF        | 835 CF        | 35%               |
| Tail        | 219     | 1,500'-2,000'   | 15.6 ppg       | 1.18 CFS     | 220 CF        | 297 CF        | 35%               |
| Top Out     | 100     | 0'-200'         | 15.6 ppg       | 1.18 CFS     | 95 CF         | 118 CF        | 24% (if required) |

Lead Mix: Premium Plus V blend. Blend includes Class "G" cement, gel, salt, gilsonite.

Slurry yield: 3.82 cf/sack Slurry weight: 11.00 #/gal.

Water requirement: 22.95 gal/sack

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.

Slurry yield: 1.18 cf/sack Slurry weight: 15.60 #/gal.

Water requirement: 5.2 gal/sack

Top Out: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.

Slurry yield: 1.18 cf/sack Slurry weight: 15.60 #/gal.

Water requirement: 5.2 gal/sack

#### c. Production Casing Cement:

- Drill 7-7/8" hole to 8,400'+, run and cement 5 1/2".
- Cement interface is at 4,000', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
- Displace with 3% KCL.

|             |         |                 |                |              | <u>Hole</u>   | Cement        |               |
|-------------|---------|-----------------|----------------|--------------|---------------|---------------|---------------|
| <u>Type</u> | Sacks 5 | <u>Interval</u> | <b>Density</b> | <u>Yield</u> | <u>Volume</u> | <u>Volume</u> | <b>Excess</b> |
| Lead        | 160     | 3,700'-4,700'   | 11.5 ppg       | 3.12 CFS     | 175 CF        | 350 CF        | 100%          |
| Tail        | 435     | 4,700'-8,400'   | 13.0 ppg       | 1.75 CFS     | 473 CF        | 946 CF        | 100%          |

Note: A caliper log will be ran to determine cement volume requirements.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry vield: 3.12 cf/sack Slurry weight: 11.60 #/gal.

Water requirement: 17.71 gal/sack
Compressives (a) 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322,

& HR-5.

Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.

Water requirement: 9.09 gal/sack

Compressives @ 165°F: 905 psi after 24 hours

### 13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: May 1, 2004

Duration: 14 Days

RECEIVED MAY 0 5 2004 Form 3160-5 (August 1999)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: November 30, 2000

00

| SUNDRY  | NOTICES AND REPO   | RTS ON WELL  | .S   |   | 5. Lease Serial No.<br>U-013792   |   |
|---|--|--|--|---|---|---|
| 8 abandoned well  | s form for proposals to<br>II. Use form 3160-3 (AP   | D) for such prop   | osals.   |   | 6. If Indian, Allottee o  | r Tribe Name  |
| SUBMIT IN TRI   | PLICATE - Other instruc  | ctions on revers   | e side.  |   | 7. If Unit or CA/Agree  | ement, Name and/or No.  |
| 1. Type of Well ☐ Other ☐ Other ☐ Other   |  |  |  |   | 8. Well Name and No.<br>RBU 12-22E  |   |
| 2. Name of Operator<br>DOMINION EXPL. & PROD.,  | Contact:   | CARLA CHRIST<br>E-Mail: Carla_M_C  |  | com   | 9. API Well No.<br>43-047-35042   |   |
| 3a. Address 14000 QUAIL SPRINGS PARKWAY, SUITE 600 OKLAHOMA CITY, OK 73134  3b. Phone No. (include area code) Ph: 405.749.5263 Fx: 405.749.6690   |  |  |  |   | 10. Field and Pool, or<br>NATURAL BUT   | Exploratory<br>TES  |
| 4. Location of Well (Footage, Sec., T   | , R., M., or Survey Description  | )  | cm ( km m n  |   | 11. County or Parish,   | and State   |
| Sec 22 T10S R19E NWSW 22  | 222FSL 999FWL  |  |  |   | UINTAH COUN   | TY, UT  |
| 12. CHECK APPI  | ROPRIATE BOX(ES) TO  | O INDICATE NA  | ATURE OF N   | OTICE, RI   | EPORT, OR OTHE  | R DATA  |
| TYPE OF SUBMISSION  |  |  | TYPE OF  | ACTION  |   |   |
| Notice of Intent  | ☐ Acidize  | □ Deepen   |  | ☐ Product   | ion (Start/Resume)  | ☐ Water Shut-Off  |
| _   | ☐ Alter Casing   | ☐ Fracture   | Treat  | ☐ Reclam  | ation   | ☐ Well Integrity  |
| Subsequent Report   | ☐ Casing Repair  | ☐ New Co   |  | ☐ Recomp  |   | Other   |
| ☐ Final Abandonment Notice  | ☐ Change Plans   | ☐ Plug an  |  | •   | arily Abandon   |   |
|   | ☐ Convert to Injection   | ☐ Plug Ba  |  | ☐ Water I   | •   |   |
| 13. Describe Proposed or Completed Op- If the proposal is to deepen directions. Attach the Bond under which the wor following completion of the involved testing has been completed. Final Al determined that the site is ready for for On previous Sundry sent in Al was change and the correct le | ally or recomplete horizontally, it will be performed or provide operations. If the operation recondender the horizontal before the horizontal inspection.)  oril 30, 2004, the wrong leading the horizontal inspection. | give subsurface loca<br>the Bond No. on file<br>sults in a multiple co<br>led only after all reque<br>egal description v | tions and measure with BLM/BIA mpletion or recording irements, including | ed and true vo<br>Required su<br>mpletion in a<br>ng reclamatio | ertical depths of all pertin<br>bsequent reports shall be<br>new interval, a Form 316 | ent markers and zones.<br>filed within 30 days<br>0-4 shall be filed once |
|   |  |  |  |   | REC   | EIVED   |
|   |  |  |  |   | MAY   | 1 3 2004  |
| DIV. OF OIL, GAS & MINING   |  |  |  |   |   |   |
| 14. I hereby certify that the foregoing is  | Electronic Submission  | #30484 verified by<br>N EXPL. & PROD.,   | the BLM Well<br>INC., sent to  | Information<br>the Vernal                                       | System  |   |
| Name (Printed/Typed) CARLA C  | HRISTIAN   | Ti   | tle AUTHO  | RIZED REF   | PRESENTATIVE  |   |
| Signature (Electronic   | Submission)  | Da   | ate 05/10/20   | 004   |   |   |
|   | THIS SPACE FO  | OR FEDERAL   | OR STATE (   | OFFICE U  | SE  |   |
| Approved By   |  | Т  | itle   |   |   | Date  |
| Conditions of approval, if any, are attache   | d. Approval of this notice does  | s not warrant or   |  |   |   |   |
| certify that the applicant holds legal or equivalent would entitle the applicant to condu   | itable title to those rights in th   | e subject lease  | office   |   |   |   |

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

| ENTITY ACTION FORM |                        |                      |                          |                |  |  |
|--------------------|------------------------|----------------------|--------------------------|----------------|--|--|
| Operator:          | Dominion Exploration 8 | & Production, Inc.   | Operator Account Number: | N 1095         |  |  |
| Address:           | 14000 Quail Springs P  | arkway, Suite 600    |                          |                |  |  |
|                    | city Oklahoma City     |                      |                          |                |  |  |
|                    | state OK               | <sub>zip</sub> 73134 | Phone Number:            | (405) 749-1300 |  |  |

Well 1

| API Number   | Well                     | Name                 | QQ   | Sec      | Twp  | Rng | County                            |
|--------------|--------------------------|----------------------|------|----------|------|-----|-----------------------------------|
| 43-047-35042 | RBU 12-22E               |                      | NWSW | 22       | 108  | 19E | Uintah                            |
| Action Code  | Current Entity<br>Number | New Entity<br>Number | S    | pud Dat  | te i |     | tity Assignment<br>Effective Date |
| Α            | 99999                    | 14165                | ,    | 5/5/2004 | 1    | 5   | 120/04                            |

Comments: WSTC

Well 2

| API Number  | Well f                | Well Name QQ Sec Twp Rng Coun |   |           |  | County                              |  |
|-------------|-----------------------|-------------------------------|---|-----------|--|-------------------------------------|--|
| Action Code | Current Entity Number |                               |   | Spud Date |  | Entity Assignment<br>Effective Date |  |
| Comments:   |                       | ,                             | 1 |           |  |                                     |  |

Well 3

| API Number  | Well N                | Well Name QQ Sec Twp |  | Well Name QQ Sec Twp Rng County     |  |  | County |
|-------------|-----------------------|----------------------|--|-------------------------------------|--|--|--------|
| Action Code | Current Entity Number |                      |  | Entity Assignment<br>Effective Date |  |  |        |
| Comments:   |                       |                      |  |                                     |  |  |        |

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

| Carla Cl | nristian |
|----------|----------|
|----------|----------|

Name (Please Print)

Signature

Regulatory Specialist

Title

MAY 1 7 2004

5/13/2004

Form 3160-5 (August 1999)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

| FORM APPROVED              |
|----------------------------|
| OMB NO. 1004-0135          |
| Expires: November 30, 2000 |

010

5 Lagge Serial No.

| SUNDRY<br>Do not use the<br>abandoned we   | U-013792  6. If Indian, Allotte  |  |  |                           |
|--|--|--|--|---------------------------|
| SUBMIT IN TRI  | PLICATE - Other instructions   | on reverse side.   | 7. If Unit or CA/A                     | greement, Name and/or No. |
| 1. Type of Well  | 8. Well Name and 1<br>RBU 12-22E   | No.  |  |                           |
| Oil Well ☑ Gas Well ☐ Oth  Name of Operator DOMINION EXPL. & PROD.,  | Contact: CARL  | A CHRISTIAN<br>Carla_M_Christian@dom                       | 9. API Well No.<br>1.com 43-047-3504   | 2                         |
| 3a. Address  |  | hone No. (include area code                                |  |                           |
| 14000 QUAIL SPRINGS PAR<br>OKLAHOMA CITY, OK 7313  | KWAY, SUITE 600 Ph:<br>Fx: 4   | 405.749.5263<br>105.749.6690                               | NATURAL B                              | UTTES                     |
| 4. Location of Well (Footage, Sec., 7  | ., R., M., or Survey Description)  |  | 11. County or Pari                     |                           |
| Sec 22 T10S R19E NWSW 22   | 222FSL 999FWL  |  | UINTAH COI                             | JNTY, UT                  |
| 12. CHECK APPI   | ROPRIATE BOX(ES) TO IND  | ICATE NATURE OF  | NOTICE, REPORT, OR OTH                 | IER DATA                  |
| TYPE OF SUBMISSION   |  | ТҮРЕ О   | F ACTION                               |                           |
| □ Notice of Intent   | ☐ Acidize  | ☐ Deepen   | ☐ Production (Start/Resume)            | □ Water Shut-Off          |
| _  | ☐ Alter Casing   | ☐ Fracture Treat   | ☐ Reclamation                          | ☐ Well Integrity          |
| Subsequent Report  | ☐ Casing Repair  | ☐ New Construction   | ☐ Recomplete                           | ☑ Other<br>Well Spud      |
| ☐ Final Abandonment Notice   |  |  | ☐ Temporarily Abandon ☐ Water Disposal |                           |
| Spud well 5/5/04. 5/8/04 ran w/250 sks, 11.0 ppp, yield 3.8 out w/200 sks, 15.6 ppg, 1.18  | 52 jts. 8 5/8", 32#, J-55, 8rd csg<br>2 cuft/sk. Tailed w/250 sks, 15.<br>yield. | ., set @ 2204.8'. Cem<br>6 ppg, yield 1.18 cuft/s          | ented lead<br>ks. Topped               |                           |
| 14. I hereby certify that the foregoing is   | Electronic Submission #30750   | verified by the BLM We<br>& PROD., INC., sent to           | I Information System<br>the Vernal     |                           |
| Name (Printed/Typed) CARLA C   | Title AUTHO  | DRIZED REPRESENTATIVE                                      |  |                           |
| Signature Could (Electronic  | Submission   | Date 05/14/2   | 2004                                   |                           |
|  | THIS SPACE FOR FE  | DERAL OR STATE   | OFFICE USE                             |                           |
| Approved By  |  | Title  |  | Date                      |
| Approved By  Conditions of approval, if any, are attache certify that the applicant holds legal or eq which would entitle the applicant to conduct the applicant the applicant to conduct the applicant the a | uitable title to those rights in the subjec-                                     | rrant or   |  |                           |
| Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent   | U.S.C. Section 1212, make it a crime for statements or representations as to any | or any person knowingly and matter within its jurisdiction | d willfully to make to any departmen   | t or agency of the United |



# FAX COVER

To: Utah Division of Oil, Gas & Mining

Company: Utah Division of Oil, Gas & Mining

Fax Number: 18013593940

From: Terri Potter

Company: Dominion Exploration & Production

Fax Number: (405) 749-6657

Date: 5/26/2004 Time: 1:47:58 PM

Subject: RBU 12-22E

T 105 R 19E S- 22 43-049-35042

Pages including cover page: 3

Date: 5/26/2004

Time: 1:17:18 PM

E-mail Address: Terri\_R\_Potter@dom.com

Phone Number: (405) 749-5256

Fax Number:

RECEIVED

MAY 2 6 2004

Date: 5/26/2004 Time: 1:47:58 PM

Page: 1



## **WELL CHRONOLOGY REPORT**

WELL NAME: RBU 12-22E

**DISTRICT: ONSHORE WEST** COUNTY & STATE : UINTAH

WI %: 100.00000 AFE #: 0401492

DHC: \$362,000

CWC: \$496,000

FIELD: NATURAL BUTTES 630

UT

API#: 43-047-35042

AFE TOTAL: \$858,000

Event No: 1

LOCATION: 2222' FSL 999' FWL SEC 22 T 10S R 19E

CONTRACTOR:

PLAN DEPTH 8,400

SPUD DATE :

FORMATION: WASATCH/MESAVERDE

REPORT DATE: 05/06/04

MD: 330

TVD:330

DAYS: 1

MW:

VISC :

DAILY : DC :

CC:

TC:

CUM: DC:\$0

CC: \$0

TC: \$0

DAILY DETAILS MIRU BILL JR RAT HOLE SERVICE. DRILL 24" HOLE F/ O' TO 26' G.L. RUN AND CMT 26' OF 14" CONDUCTOR PIPE, NU AND DRILL 12-1/4" HOLE F/ O' TO 330' G.L. CONTACTED B.L.M. (KIRK FLEETWOOD) SPUD TIME @

10:00 A.M.

**REPORT DATE: 05/07/04** 

MD: 1,170

TVD: 1,170

DAYS: 2

MW:

VISC:

DAILY: DC: \$0

CC: \$0

TC:\$0

CUM: DC: \$375

CC: \$0

TC: \$375

TC: \$1,788

DAILY DETAILS DRILL 12-1/4" HOLE W/ AIR F/ 330' TO 1170' G.L

**REPORT DATE: 05/08/04** 

DAILY: DC: \$0

MD: 2,230 CC: \$0

TVD: 2,230 TC:\$0

DAYS: 3

CUM: DC: \$1,788

MW: CC: \$0 VISC:

DAILY DETAILS DRILL 12-1/4" HOLE W/ AIR F/ 1170' TO 2230' G.L

REPORT DATE: 05/09/04

MD: 2,230

TVD: 2,230

DAYS: 4

MW:

VISC:

DAILY: DC: \$0

CC: \$0

TC:\$0

CUM: DC: \$152,663

CC: \$0

TC: \$152,663

DAILY DETAILS POOH LD DRILL STRING. RIH W/ 52 JTS OF 8-5/8", 32#, J-55, 8RD CSG TALLY = 2205.8, SET @ 2204.8' G.L. RU BIG 4 AND CMT W/ 250 SKS LEAD, 10#/SK GILSONITE, 16% GEL, 3% SALT, .25#/SK FLOCELE, 11.0 PPG, 3.82 YIELD. 250 SKS TAIL, 2% CACL2, .25#/SK FLOCELE, 15.6 PPG, 1.18 YIELD, AND TOPPED OUT W/ 200 SKS, 3%

CACL2, .25#/SK FLOCELE, 15.6 PPG, 1.18 YIELD.

**REPORT DATE: 05/13/04** 

MD: 2,230

TVD: 2,230

DAYS: 5

MW:

VISC:

DAILY: DC: \$0

CC: \$0

TC:\$0

CUM: DC: \$165,533

CC: \$0

TC: \$165,533

DAILY DETAILS RD RIG AND EQUIPMENT @ THE RBU 4-21E, MOVE TO LOCATION AND RU SAME. TEST BOPE. INSTALL WEAR RING. PU BHA.

**REPORT DATE: 05/14/04** 

MD: 4,760

TVD:4,760

DAYS: 6

MW:8.4

VISC: 26

DAILY: DC: \$0

CC: \$0

TC:\$0

CUM: DC: \$191,208

CC: \$0

TC: \$191,208

DAILY DETAILS PU DRILL PIPE. FILL PIPE AND INSTALL ROTATING RUBBER. DRILL CMT, F.C., AND SHOE. FROM 2177' TO 2224' KB. DRILL 10' OF NEW HOLE F/ 2224' TO 2234' KB. DEVIATION SURVEY @ 2160' KB = 1-1/2 DEG. DRILL 7-7/8" HOLE W/KCL WATER F/ 2234' TO 2786' KB. DEVIATION SURVEY @ 2712' KB = 3 DEG. DRILL 7-7/8" HOLE W/KCL WATER F/ 2786' TO 3772' KB. DEVIATION SURVEY @ 3697' KB = 3-1/4 DEG. DRILL 7-7/8" HOLE W/ KCL WATER F/ 3772' TO 4760' KB.

REPORT DATE: 05/15/04

MD: 6,383

TVD:6,383

DAYS: 7

MW:8.4

VISC : 26

DAILY: DC: \$28,875

CC: \$0

TC: \$28,875

CUM: DC: \$243,383

CC: \$0

\$243,383

DAILY DETAILS DEVIATION SURVEY @ 4686' = 4-3/4 DEGREES. DRLG 7-7/8" HOLE W/ KCL WATER F/ 4760' TO 5269 KB' DEVIATION SURVEY @ 5195' = 5 DEGREES, RIG SERVICE, FUNCTION BOP'S. DRLG 7-7/8" HOLE W/ KCL WATER F/ 5269' TO 5524' KB. DEVIATION SURVEY @ 5449' = 4 DEGREES. DRLG 7-7/8" HOLE W/ KCL WATER F/ 5524' TO 6001 KB', DEVIATION SURVEY @ 5929' = 3 DEGREES, DRLG 7-7/8" HOLE W/ KCL WATER F/ 6001' TO 6383' KB.

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Page: 2

VISC: 26

VISC:

VISC:



WELL NAME: RBU 12-22E

DISTRICT: ONSHORE WEST

**REPORT DATE: 05/19/04** 

REPORT DATE: 05/22/04

## **WELL CHRONOLOGY REPORT**

Event No: 1

LOCATION: 2222' FSL 999' FWL SEC 22 T 10S R 19E

MW:

MW:

SPUD DATE :

CONTRACTOR: **COUNTY & STATE: UINTAH** UT

PLAN DEPTH 8,400 API#: 43-047-35042

WI%: 100.00000 AFE#: 0401492 FORMATION: WASATCH/MESAVERDE AFE TOTAL: \$858,000 CWC: \$496,000 DHC: \$362,000

FIELD: NATURAL BUTTES 630

MW:8.4 DAYS: 8 REPORT DATE: 05/16/04 MD: 7,783 TVD:7,783

TC: \$263,812 CUM: DC: \$263,812 CC: \$0 TC: \$20,429 DAILY: DC: \$20,429 CC: \$0

DAILY DETAILS DRLG 7-7/8" HOLE W/KCL WATER F/ 6383' - 6542'. DEVIATION SURVEY @ 6468' = 2-3/4?. RIG SERVICE AND FLOWLINE CHECK. DRLG 7-7/8" HOLE WITH KCL WATER FROM 6542' - 7052' DEVIATION SURVEY @ 6982' =

2-3/4?. DRLG 7-7/8" HOLE WITH KCL WATER FROM 7052' - 7783'.

VISC : 26 DAYS: 9 MW:8.5 **REPORT DATE: 05/17/04** MD: 8,340 TVD:8,340

TC: \$284,408 CC: \$0 CC: \$0 CUM: DC: \$284,408 DAILY: DC: \$20,596 TC: \$20,596

DAILY DETAILS DRLG 7-7/8" HOLE WITH KCL WATER FROM 7783' - 8102'. RIG SERVICE. DRLG 7-7/8" HOLE WITH KCL WATER FROM 8102' - 8340'. (ROP VERY RESTRICTED). CIRC HOLE FOR LOGS. PUMP BRINE PILL AND TOH F/ LOGS.

MW:9 DAYS: 10 VISC: 37 **REPORT DATE: 05/18/04** MD: 8,370 TVD: 8,370

CUM: DC: \$383,204 CC: \$0 TC: \$383,204 TC:\$87,496 CC: \$0 DAILY: DC: \$87,496

DAILY DETAILS RU BAKER HUGHES AND RUN OPEN HOLE LOGS. (LOGGERS DEPTH 8330'). TIH W/ BHA, FUNCTION TEST BLIND RAMS AND DERRICK MAN TIE OFF. SLIP AND CUT 200' OF DRLG LINE. TIH. DRLG 7-7/8" HOLE WITH KCL WATER FROM 8331' - 8370', CIRCULATE AND CONDITION HOLE FOR LOGS, PUMP BRINE PILL AND LAY DOWN DP AND DC'S. RU FRANKS WESTSTATES, RUN 196 JTS OF 5-1/2" 17.0# N-80 CSG. LAND CSG MULE SHOE @ 8364.76' KB, GUIDE SHOE @ 8354.39'. (GUIDE SHOE LENGTH 10.37'). RD CSG CREW AND LD MACHINE, RU

HALLIBURTON TO CEMENT.

MD: 8,370

MD: 8,370

TC: \$413,785 CC: \$0 CUM: DC: \$413,785 CC: \$0 TC:\$11,450 DAILY: DC: \$11,450

TVD:8,370

TVD:8,370

DAILY DETAILS RU HALLIBURTON AND CMT 5-1/2" CSG W/ 85 SKS PREM PLUS LEAD, 16% GEL, .6% EX-1, 3% SALT, 1% HR-7,

.25#/SK FLOCELE, 10#/SK GILSONITE. 650 SKS PREM PLUS TAIL, 65% CMT, 35% POZ, 6% GEL, 3% KCL, 1% EX-1, .6% HALAD-322, .2% HR-5. GOOD RETURNS DURING JOB. CLEAN PITS, AND RELEASED RIG @ NOON. RD

DAYS: 11

RIG AND EQUIPMENT, PREP TO MOVE TO THE RBU 16-17E

DAYS: 12

CUM: DC: \$425,235 CC: \$11,407 TC: \$22,857 CC: \$12,157 TC: \$437,392 DAILY: DC: \$11,450 DAILY DETAILS MIRU SCHLUMBERGER, AND ACTION HOT OIL SERVICE. RUN CMT BOND LOG UNDER 1000# PRESSURE. TEST

CSG TO 5000#, (HELD GOOD). CMT TOP @ 2400' KB, W.L. PBTD @ 8331' KB. PERFORATE INTERVAL #1. POOH

RU WIRE LINE.

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# FAX COVER

To: Utah Division of Oil, Gas & Mining

Company: Utah Division of Oil, Gas & Mining

Fax Number: 18013593940

From: Terri Potter

Company: Dominion Exploration & Production

Fax Number: (405) 749-6657

Date: 6/3/2004 Time: 1:23:26 PM

Subject: RBU 12-22E

35092 TIOS RIGE S-32 43.047-35402

Pages including cover page: 3

Date: 6/3/2004

Time: 1:10:48 PM

E-mail Address: Terri\_R\_Potter@dom.com

Phone Number: (405) 749-5256

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Date: 6/3/2004 Time: 1:23:26 PM

Page: 1



## WELL CHRONOLOGY REPORT

WELL NAME: RBU 12-22E

DISTRICT: ONSHORE WEST FIELD: NATURAL BUTTES 630 Event No: 1 LOCATION: 2222' FSL 999' FWL SEC 22 T 10S R 19E

**COUNTY & STATE: UINTAH** 

FORMATION: WASATCH/MESAVERDE

<u>UT</u>

CONTRACTOR:

WI %: 100.00000 AFE #: 0401492

API#: 43-047-35042

PLAN DEPTH 8,400

SPUD DATE :

DHC: \$362,000

CWC: \$496,000

AFE TOTAL: \$858,000

DAYS: 13

VISC: MW:

DAILY: DC: \$11,450

**REPORT DATE: 05/27/04** 

MD: 8,370 CC: \$1,375 TVD:8,370 TC: \$12,825

CUM: DC: \$436,685

CC: \$24,063

TC: \$460,748

DAILY DETAILS FRAC INTERVAL #1, PERFORATE AND FRAC INTERVALS #2, & 3. SHUT WELL IN OVERNIGHT.

#### FRAC SUMMARY AS FOLLOWS:

MIRU SCHLUMBERGER frac equipment, tested lines to 7000 psi. Held safety meeting with all personnel. Quality control on gel & breaker systems with on-site lab was verified. Frac'd Mesaverde Interval # 1, 8192-8208, 1 spf, 8209-14, 2 spf, 8228-36, 1 spf, 8239-46, 1 spf, 8248-55, 2 spf, 60 holes, with 42987#'s Ottawa sand. Pumped frac at an average rate of 32 bpm, using 264.6 mscf of N2 and 549 bbls of fluid. Average surface treating pressure was 3732 psi with sand concentrations stair stepping from 0.5 ppg to 4.0 ppg.

3487 gallons Pad YF120ST/N2 gel.

1414 gallons YF120ST/N2 pumped @ 0.5 ppg sand concentration.

1407 gallons YF120ST/N2 pumped @ 1.0 ppg sand concentration.

2106 gallons YF120ST/N2 pumped @ 1.5 ppg sand concentration.

2097 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

2095 gallons YF120ST/N2 pumped @ 2.5 ppg sand concentration. 2095 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

gallons YF120ST/N2 pumped @ 3.5 ppg sand concentration. 1402

1146 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

gallons WF110 slick water flush.

Total frac fluid pumped 549 bbls.

N2 was cut during flush. Ru wire line, rih and set 8K frac plug @ 8100'. RIH and perforate interval #2 @ 8011-34', 2 spf 47 holes using 3-1/8" csg guns, 120 deg phasing. Fraced Mesaverde interval #2 w/ 34624#'s 20/40 Ottawa sand. Pumped frac at an avg rate of 27.7 bpm, using 213.1 mscf of N2 and 503 bbls of fluid. Avg surface treating pressure was 4406 psi w/ sand concentrations stair stepping from 0.5 ppg to 4.0 ppg.

2790 gallons Pad YF120ST/N2 gel.

1392 gallons YF120ST/N2 pumped @ 0.5 ppg sand concentration.

1393 gallons YF120ST/N2 pumped @ 1.0 ppg sand concentration.

1396 gallons YF120ST/N2 pumped @ 1.5 ppg sand concentration.

1390 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

gallons YF120ST/N2 pumped @ 2.5 ppg sand concentration. 1391

gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration. gallons YF120ST/N2 pumped @ 3.5 ppg sand concentration. 1388

gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration. 910

gallons WF110 slick water flush.

Total frac fluid pumped 503 bbs. N2 was cut during flush. RIH and set 5k frac plug @ 7630', preforate Wasatch interval # 3 @ 7547-56, 6spf, 55 holes, 120 Deg phasing, using 3-1/8" csg guns. Fraced Wasatch interval #3 w/ 33281# 20/40 Ottawa sand. Pumped frac at an avg rate of 24.9 bpm, using 100.1 mscf of N2 and 384.1 bbls of fluid. Avg surface treating pressure was 4376 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

gallons Pad YF115ST/N2 gel. 2916

736 gallons YF115ST/N2 pumped @ 2.0 ppg sand concentration.

1394 gallons YF115ST/N2 pumped @ 3.0 ppg sand concentration.

1418 gallons YF115ST/N2 pumped @ 4.0 ppg sand concentration.

1404 gallons YF115ST/N2 pumped @ 5.0 ppg sand concentration.

710 gallons YF115ST/N2 pumped @ 6.0 ppg sand concentration.

gallons WF110/N2 pumped slick water flush.

N2 was cut during flush. Operations shut down overnight.

Date: 6/3/2004 Time: 1:23:26 PM

Page: 2



### WELL CHRONOLOGY REPORT

WELL NAME: RBU 12-22E

FIELD: NATURAL BUTTES 630

Event No: 1

DISTRICT: ONSHORE WEST

LOCATION: 2222' FSL 999' FWL SEC 22 T 10S R 19E

**COUNTY & STATE: UINTAH** 

UT

CONTRACTOR:

WI %: 100.00000 AFE #: 0401492

API#: 43-047-35042

PLAN DEPTH 8,400

SPUD DATE:

DHC: \$362,000

CWC: \$496,000

AFE TOTAL: \$858,000

FORMATION: WASATCH/MESAVERDE

**REPORT DATE: 05/28/04** 

MD: 8,370

TVD:8,370

DAYS: 14

MW:

VISC:

DAILY: DC: \$11,450

CC: \$1,375

TC:\$12,825

CUM: DC: \$448,135

CC: \$189,172

TC: \$637,307

DAILY DETAILS PERFORATE AND FRAC INTERVALS #4, 5, & 6, TURN WELL OVER TO PRODUCTION.

### FRAC SUMMARY AS FOLLOWS:

RIH and set 5k frac plug @ 6820', perforate interval #4 @ 6671-83', 3 spf, 6762-67', 4 spf, 58 holes, 120 Deg phasing, using 3-1/8" guns. Fraced Wasatch interval #4 w/ 40,800#'s 20/40 Ottawa sand. Pumped frac at an avg rate of 26.5 bpm, using 128.4 mscf of N2 and 391 bbls of fluid. Avg surface treating pressure was 2900 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2786 gallons Pad YF115ST/N2 gel.

1430 gallons YF115ST/N2 pumped @ 2.0 ppg sand concentration.

1413 gallons YF115ST/N2 pumped @ 3.0 ppg sand concentration.

1406 gallons YF115ST/N2 pumped @ 4.0 ppg sand concentration. 1401 gallons YF115ST/N2 pumped @ 5.0 ppg sand concentration.

1606 gallons YF115ST/N2 pumped @ 6.0 ppg sand concentration.

6373 gallons WF110 slick water flush.

Total frac fluid pumped 391 bbls.

N2 was cut during flush. Ru wire line, rih and set 5K frac plug @ 6470'. RIH and perforate interval #5 @ 6256-78', 1 spf, 6392-96, 3 spf, 6398-6403, 3 spf, 52 holes using 3-1/8" csg guns, 120 deg phasing. Fraced Wasatch interval #5 w/ 52,294#'s 20/40 Ottawa sand. Pumped frac at an avg rate of 23.9 bpm, using 135.4 mscf of N2 and 391 bbls of fluid.

Avg surface treating pressure was 2999 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

3758 gallons Pad YF115ST/N2 gel.

1412 gallons YF115ST/N2 pumped @ 2.0 ppg sand concentration.

2104 gallons YF115ST/N2 pumped @ 3.0 ppg sand concentration.

2098 gallons YF115ST/N2 pumped @ 4.0 ppg sand concentration.

2109 gallons YF115ST/N2 pumped @ 5.0 ppg sand concentration.

1538 gallions YF115ST/N2 pumped @ 6.0 ppg sand concentration.

gallons WF110 slick water flush.

Total frac fluid pumped 391 bbs. N2 was cut during flush. RIH and set 5k frac plug @ 5590', preforate Wasatch interval # 6 @ 5573-92, 1 spf, 5749-58, 2 spf, 5860-78, 1 spf, 58 holes, 120 Deg phasing, using 3-1/8" csg guns. Fraced Wasatch interval #6 w/ 84,388 # 20/40 Ottawa sand. Pumped frac at an avg rate of 37.0 bpm, using 261.6 mscf of N2 and 522.4 bbls of fluid. Avg surface treating pressure was 2936 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

gallons Pad YF115ST/N2 gel. 3484

gallons YF115ST/N2 pumped @ 2.0 ppg sand concentration. 2816

gallons YF115ST/N2 pumped @ 3.0 ppg sand concentration. 2805

gallons YF115ST/N2 pumped @ 4.0 ppg sand concentration.

gallons YF115ST/N2 pumped @ 5.0 ppg sand concentration. 2807

gallons YF115ST/N2 pumped @ 6.0 ppg sand concentration. 3870 gallons WF110/N2 pumped slick water flush.

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DIV. OF OIL, GAS & MINING

Opened well to the pit on a 12/64 choke. Turned over to production.

REPORT DATE: 05/29/04 MD: 8,370 TVD:8,370

DAYS: 15 MW: VISC: CC: \$189,172 TC: \$637,307 CUM: DC: \$448,135

DAILY: DC: **DAILY DETAILS** 

REPORT DATE: 05/30/04

MD: 8,370

cc:

TVD:8,370

DAYS: 16

MW:

VISC:

DAILY : DC : DAILY DETAILS cc:

TC:

TC:

CUM: DC: \$448,135

CC: \$189,172

TC: \$637,307

Form 3160-5 (August 1999)

# **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

| FORM APPROVED             |
|---------------------------|
| OMB NO. 1004-0135         |
| Expires: November 30, 200 |

0

| SUNDRY Do not use this   | Lease Serial No.     U-013792     6. If Indian, Allottee or Tribe Name   |  |   |   |   |   |  |  |
|--|--|--|---|---|---|---|--|--|
| SUBMIT IN TRI  | 7. If Unit or CA/Agreement, Name and/or No.  |  |   |   |   |   |  |  |
| Type of Well     Oil Well  |  | 8. Well Name and No.<br>RBU 12-22E   |   |   |   |   |  |  |
| 2. Name of Operator<br>DOMINION EXPL. & PROD.,   | CARLA CHRISTIAN<br>E-Mail: Carla_M_Chris   |  | 1   | 9. API Well No.<br>43-047-35042                   |   |   |  |  |
| 3a. Address<br>14000 QUAIL SPRINGS PAR<br>OKLAHOMA CITY, OK 7313-  | 3b. Phone No. (include area code) Ph: 405.749.5263 Fx: 405.749.6690  |  |   | 10. Field and Pool, or Exploratory NATURAL BUTTES |   |   |  |  |
| 4. Location of Well (Footage, Sec., 7  | i)   |  |   | 11. County or Parish, a                           | and State   |   |  |  |
| Sec 22 T10S R19E NWSW 22   |  |  |   |   | UINTAH COUNTY, UT   |   |  |  |
| 12. CHECK APPI   | ROPRIATE BOX(ES) TO  | O INDICATE NATU  | JRE OF NOT  | TCE, RI   | EPORT, OR OTHEI   | R DATA  |  |  |
| TYPE OF SUBMISSION   | TYPE OF ACTION   |  |   |   |   |   |  |  |
|  | ☐ Acidize  | ☐ Deepen   |   | ☐ Production (Start/Resume)                       |   | ☐ Water Shut-Off                                |  |  |
| ☐ Notice of Intent   | ☐ Alter Casing   | ☐ Fracture Tre   | eat 🗆   | Reclama   | ation   | □ Well Integrity                                |  |  |
| Subsequent Report     ■  | ☐ Casing Repair  | ☐ New Constr   | uction $\square$  | Recomp  | olete   | Other   |  |  |
| ☐ Final Abandonment Notice   | ☐ Change Plans   | ☐ Plug and Ab  | oandon 🗆  | Tempor  | arily Abandon   | Drilling Operations                             |  |  |
| _  | ☐ Convert to Injection   |  |   | Disposal  |   |   |  |  |
| If the proposal is to deepen direction. Attach the Bond under which the wo following completion of the involved testing has been completed. Final Aldetermined that the site is ready for following proposed in the site is ready for following the strength of the strength o | rk will be performed or provide operations. If the operation rebandonment Notices shall be fit inal inspection.)  #, N-80 csg., set @ 8365 tailed w/650 sks Prem Pluseased rig. Cmt. top @ 2 | e the Bond No. on file with saults in a multiple completed only after all requirem of the complete only after the complete onl | h BLM/BIA. Reticion or recompletion or recompletions, including rests. Sks Premyleld 1.69 cuf | equired sulterior in a reclamation                | psequent reports shall be<br>new interval, a Form 316<br>n, have been completed, a<br>eight | filed within 30 days<br>0-4 shall be filed once |  |  |
| 14. Thereby certify that the folegoing is  | Electronic Submission  | #31570 verified by the<br>N EXPL. & PROD., INC   | ., sent to the  | vernai  |   |   |  |  |
| Name (Printed/Typed) CARLAC  | Title  | Title AUTHORIZED REPRESENTATIVE  |   |   |   |   |  |  |
| Signature (Electronic  | Date   | 06/07/2004   |   |   |   |   |  |  |
|  | THIS SPACE FO  | OR FEDERAL OR  | STATE OF  | FICE U  | SE  |   |  |  |
| Approved By  |  | Title  |   |   |   | Date  |  |  |
| Conditions of approval, if any, are attached certify that the applicant holds legal or eq which would entitle the applicant to conduct to conduct the applicant the applic |  | ·  |   |   |   |   |  |  |
|  |  |  |   |   |   |   |  |  |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representation and matter within its jurisdiction. \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

OPERATOR-SUBMITTED \*\*

OPERATOR-SUBMITTED \*\*





# FAX COVER

013

To: Utah Division of Oil, Gas & Mining

Company: Utah Division of Oil, Gas & Mining

Fax Number: 18013593940

From: Terri Potter

Company: Dominion Exploration & Production

Fax Number: (405) 749-6657

Subject: RBU 12-22E

T105 819E 5-22 43-049-35042

Pages including cover page: 2

Date: 6/9/2004

Time: 10:40:24 AM

E-mail Address: Terri\_R\_Potter@dom.com

Phone Number: (405) 749-5256

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Page: 1



## WELL CHRONOLOGY REPORT

WELL NAME: RBU 12-22E Event No: 2 LOCATION: 2222' FSL 999' FWL SEC 22 T 10S R 19E DISTRICT: ONSHORE WEST FIELD: NATURAL BUTTES 630 CONTRACTOR: COUNTY & STATE : UINTAH UT SPUD DATE: AFE#: PLAN DEPTH 8,400 API#: 43-047-35042 WI %: FORMATION: WASATCH/MESAVERDE DHC: CWC: AFE TOTAL: DAYS: MW: VISC: REPORT DATE: 06/02/04 MD:0 TVD:0 CC: \$0 TC: \$0 CUM: DC: \$0 DAILY: DC: CC: TC: DAILY DETAILS SI, WAIT ON EQUIPMENT SICP 1850 # DAYS: MW: VISC: REPORT DATE: 06/03/04 MD : 0 TVD:0 CUM: DC: \$0 CC: \$0 TC: \$0 DAILY: DC: cc: TC: DAILY DETAILS SI, WAIT ON EQUIP., SICP DAYS: MW: VISC: REPORT DATE: 06/04/04 MD: 0 TVD:0 CC: \$0 TC: \$0 CUM: DC: \$0 DAILY: DC: CC: TC: DAILY DETAILS SI, WAIT ON EQUIPMENT, SICP REPORT DATE: 06/05/04 MD : 0 TVD:0 DAYS: MW: VISC: TC: CUM: DC: \$0 CC: \$0 TC: \$0 DAILY : DC : CC: DAILY DETAILS TURNED TO SALES 8:00 PM, MADE 254 MCF, 0 OIL, 20 WTR, FCP 984, SLP 107, 18/64 CHOKE. MW: VISC: TVD:0 DAYS: REPORT DATE: 06/06/04 MD:0 CUM: DC: \$0 CC: \$0 TC: \$0 CC: TC: DAILY: DC: DAILY DETAILS MADE 735 MCF, 0 OIL, 77 WTR, FCP 607, SLP 103, 18/64 CHOKE. DAYS: MW: VISC: TVD:0 REPORT DATE: 06/07/04 MD : 0 TC: \$0 CUM: DC: \$0 CC: \$0 DAILY : DC : CC: TC: DAILY DETAILS MADE 679 MCF, 0 OIL, 55 WTR, FCP 442, SLP 101, 18/64 CHOKE. MW: TVD:0 DAYS: VISC: REPORT DATE: 06/08/04 MD:0 TC: \$0 CC: TC: CUM: DC: \$0 CC: \$0 DAILY: DC: DAILY DETAILS MADE 690 MCF, 0 OIL, 42 WTR, FCP 451, SLP 97, 18/64 CHOKE.

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JUN 0 9 2004

| Form 3160-5<br>(August 1999)  |   | $\sim$                                      | FORM APPROVED OMB-NO: 1004-0135               |   |   |                        |                              |  |  |
|---|---|---|---|---|---|------------------------|------------------------------|--|--|
| (August 1999)  DEPARTMENT OF THE INTERIOR  BUREAU OF LAND MANAGEMENT  |   |   |   |   | Expires: November 30, 2000  5. Lease Serial No.   |                        |                              |  |  |
| SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.  |   |   |   |   | U-013792  |                        |                              |  |  |
|   |   |   |   |   | 6. If Indian, Allottee or Tribe Name  |                        |                              |  |  |
| SUBMIT IN TRII  |   | 7. If Unit or CA/Agreement, Name and/or No. |   |   |   |                        |                              |  |  |
| I. Type of Well ☐ Oil Well ☑ Gas Well ☐ Other   |   |   |   |   | 8. Well Name and No.<br>RBU 12-22E  |                        |                              |  |  |
| 2. Name of Operator<br>DOMINION EXPL. & PROD.,  | STIAN<br>I_Christian@dom  | n.com                                       | 9. API Well No.<br>43-047-35042               |   |   |                        |                              |  |  |
| 3a. Address<br>14000 QUAIL SPRINGS PAR<br>OKLAHOMA CITY, OK 73134   | 3b. Phone No.<br>Ph: 405.749<br>Fx: 405.749   | (include area code<br>).5263<br>6690        | )   | 10. Field and Pool, or Exploratory NATURAL BUTTES |   |                        |                              |  |  |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  |   |   |   |   | 11. County or Parish, and State   |                        |                              |  |  |
| Sec 22 T10S R19E NWSW 22  | •   |   | UINTAH COUN                                   | TY, UT  |   |                        |                              |  |  |
| 12. CHECK APPI  | ROPRIATE BOX(ES) TO   | O INDICATE                                  | NATURE OF                                     | NOTICE, R   | EPORT, OR OTHE  | R DAT                  | A                            |  |  |
| TYPE OF SUBMISSION  | F ACTION  | _   |   |   |   |                        |                              |  |  |
|   | ☐ Acidize □   |   | en  | ☐ Produc  | tion (Start/Resume)   | w                      | ☐ Water Shut-Off             |  |  |
| Notice of Intent     ■  | ☐ Alter Casing  |   | ure Treat                                     | ☐ Reclam  | nation  | □ W                    | ell Integrity                |  |  |
| ☐ Subsequent Report   | ☐ Casing Repair   |   | Construction                                  | ☐ Recom   | nplete 🔯 Other  |                        | her                          |  |  |
| ☐ Final Abandonment Notice ☐ Change Plans   |   | Plug  | and Abandon                                   | ☐ Tempo   | nporarily Abandon   |                        |                              |  |  |
|   | ☐ Convert to Injection ☐ Plug Back  |   |   |   | ☐ Water Disposal  late of any proposed work and approximate duration thereof d and true vertical depths of all pertinent markers and zones. |                        |                              |  |  |
| If the proposal is to deepen direction<br>Attach the Bond under which the wo<br>following completion of the involved<br>testing has been completed. Final Aldetermined that the site is ready for from<br>On previous Sundry sent in A<br>was change and the correct to | toperations. If the operation rebandonment Notices shall be final inspection.)  oril 30, 2004, the wrong by | ed only after all r                         | equirements, inclu                            | ding reclamation                                  | new interval, a Form 316<br>nn, have been completed,  | 0-4 shall<br>and the o | be filed once<br>perator has |  |  |
|   |   |   |   | RECEIVED  |   |                        |                              |  |  |
|   |   | JUN 1 0 2004                                |   |   |   |                        |                              |  |  |
|   | DIV. OF OIL, GAS & Min  |   |   |   |   |                        |                              |  |  |
|   |   |   | <u> </u>                                      |   |   |                        |                              |  |  |
| 14. I hereby certify that the foregoing i   | Electronic Submission   | #30484 verifie<br>N EXPL. & PR              | by the BLM We                                 | Il Information the Vernal                         | n System  |                        |                              |  |  |
| Name (Printed/Typed) CARLA CHRISTIAN  |   |   | Title AUTHORIZED REPRESENTATIVE               |   |   |                        |                              |  |  |
| Signature (Electronic Submission)   |   |   | Date 05/10/                                   | 2004  |   |                        |                              |  |  |
|   | THIS SPACE F  | OR FEDERA                                   | L OR STATE                                    | OFFICE L  | JSE   |                        |                              |  |  |
| Approved By   | 21HUX   |   | Title BR                                      | DLEY  | G. HILL   |                        | Date 0 6 75-04               |  |  |
| Conditions of approval, if any, are attach certify that the applicant holds legal or cowhich would entitle the applicant to cond  | mitable title to those rights in the  | es not warrant or<br>ne subject lease       | Office  | 1072400 10724                                     |   |                        |                              |  |  |
| Title 18 U.S.C. Section 1001 and Title 42<br>States any false, fictitious or fraudulent   | IIS C Section 1212 make it  | a crime for any pe<br>as to any matter w    | erson knowingly are<br>ithin its jurisdiction | d willfully to r                                  | nake to any department o  | r agency               | of the United                |  |  |



# FAX COVER

017

To: Utah Division of Oil, Gas & Mining

Company: Utah Division of Oil, Gas & Mining

Fax Number: 18013593940

From: Terri Potter

Company: Dominion Exploration & Production

Fax Number: (405) 749-6657

Subject: RBU 12-22E

T105 RIGE 5-92

43-047-35042

Pages including cover page: 2

Date: 6/16/2004

Time: 1:26:32 PM

E-mail Address: Terri\_R\_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED

JUN 1 6 2004

DIV. OF OIL, GAS & MINING

Date: 6/16/2004 Time: 2:09:42 PM

Page: 1



## WELL CHRONOLOGY REPORT

WELL NAME: RBU 12-22E Event No: 2 LOCATION: 2222' FSL 999' FWL SEC 22 T 10S R 19E FIELD: NATURAL BUTTES 630 DISTRICT: ONSHORE WEST CONTRACTOR: **COUNTY & STATE: UINTAH** UT SPUD DATE: AFE#: PLAN DEPTH 8,400 API#: 43-047-35042 WI %: FORMATION: WASATCH/MESAVERDE DHC: CWC: AFE TOTAL: TVD:0 DAYS: MW: VISC: **REPORT DATE: 06/09/04** MD: 0 TC: \$0 CC: \$0 CUM: DC: \$0 DAILY: DC: CC: TC: DAILY DETAILS MADE 663 MCF, 0 OIL, 32 WTR, FCP 520, SLP 95, 17/64 CHOKE. DAYS: MW: VISC: REPORT DATE: 06/10/04 MD: 0 TVD:0 TC: \$0 CUM: DC: \$0 CC: \$0 CC: TC: DAILY: DC: DAILY DETAILS MADE 722 MCF, 0 OIL, 47 WTR, FCP 252, SLP 102, CHANGED TO 30/64 CHOKE. DAYS: MW: VISC: TVD:0 REPORT DATE: 06/11/04 MD:0 CC: \$0 TC: \$0 CUM: DC: \$0 TC: DAILY: DC: CC: DAILY DETAILS MADE 794 MCF, 0 OIL, 32 WTR, FCP 132, SLP 96, 30/64 CHOKE, CHANGED TO 48/64 CHOKE. DAYS: MW: VISC: REPORT DATE: 06/12/04 MD:0 TVD:0 TC: \$0 CC: \$0 CUM: DC: \$0 DAILY : DC : CC: TC: DAILY DETAILS MADE 808 MCF, 0 OIL, 27 WTR, FCP 108, SLP 104, 48/64 CHOKE. DAYS: MW: VISC: REPORT DATE: 06/13/04 TVD:0 MD : 0 CC: \$0 TC: \$0 TC: CUM: DC: \$0 DAILY: DC: CC: DAILY DETAILS MADE 777 MCF. 0 OIL. 34 WTR, FCP 101, SLP 91, 48/64 CHOKE. MW: VISC: DAYS: REPORT DATE: 06/14/04 MD:0 TVD:0 TC: \$0 TC: CC: \$0 CUM: DC:\$0 CC: DAILY: DC: DAILY DETAILS MADE 741 MCF, 0 OIL, 27 WTR, FCP 125, SLP 97, 48/64 CHOKE. MW: VISC: REPORT DATE: 06/15/04 MD : 0 TVD:0 DAYS: TC: \$0 CC: \$0 CUM: DC: \$0 DAILY : DC : CC: TC: DAILY DETAILS MADE 686 MCF, 13 OIL, 12 WTR, FCP 95, SLP 93, 48/64 CHOKE. MW: VISC: **REPORT DATE: 06/16/04** DAYS: MD: 0 TVD:0 TC: \$0 CC: CUM: DC: \$0 CC: \$0 TC: DAILY: DC: DAILY DETAILS MADE 657 MCF, OIL, WTR, FCP 97, SLP 97, 48/64 CHOKE.

> RECEIVED JUN 1 6 2004



# FAX COVER



018

To: Utah Division of Oil, Gas & Mining

Company: Utah Division of Oil, Gas & Mining

Fax Number: 18013593940

From : Terri Potter

Company: Dominion Exploration & Production

Fax Number: (405) 749-6657

Subject: RBU 12-22E

T105 R19E 5-32

43-042-35042

Pages including cover page: 2

Date: 6/23/2004

Time: 1:09:58 PM

E-mail Address: Terri\_R\_Potter@dom.com

Phone Number: (405) 749-5256

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JUN 2 3 2004

Page: 1



## **WELL CHRONOLOGY REPORT**

CONFIDENTIAL

WELL NAME: RBU 12-22E

DISTRICT: ONSHORE WEST

FIELD: NATURAL BUTTES 630

LOCATION: 2222' FSL 999' FWL SEC 22 T 10S R 19E

**COUNTY & STATE: UINTAH** 

CONTRACTOR:

Event No: 2

Date: 6/23/2004 Time: 2:58:42 PM

WI %:

AFE#:

API#: 43-047-35042

PLAN DEPTH: 8,400

SPUD DATE:

DHC ·

AFE TOTAL:

FORMATION: WASATCH/MESAVERDE

EVENT DC: \$0

CWC:

**EVENT CC: \$1,407** 

**EVENT TC: \$1.407** 

**WELL TOTL COST: \$809,369** 

REPORT DATE: 06/16/04 DAILY: DC:

MD: 0 CC:

TVD:0 TC:

DAYS . CUM: DC: \$0 MW: CC: \$0 VISC: TC: \$0

DAILY DETAILS: MADE 657 MCF, 3 OIL, 17 WTR, FCP 97, SLP 97, 48/64 CHOKE, WORKOVER RIG MOVED IN.

REPORT DATE: 06/17/04

MD: 0

TVD:0

DAYS:

MW:

VISC:

DAILY: DC:

CC:

TC:

CUM: DC:\$0

CC: \$0

TC: \$0

DAILY DETAILS: MADE 657 MCF, WELL SI FOR C/O & TBG. INSTALLATION.

**REPORT DATE: 06/18/04** 

MD:0

TVD:0

DAYS:

MW:

VISC:

DAILY: DC:

CC ·

TC:

CUM: DC: \$0

CC: \$1,407

CC: \$1,407

TC: \$1,407

DAILY DETAILS: WELL LOADED UP AFTER CLEAN-OUT, MIRU SWAB UNIT, 1250 SICP, 0 FTP, RIH, FFL @ 2500', MADE 5 RUNS,

RECOVERED 20 BBLS. FLUID. FLOWED TO TANK TO CLEAN-UP, TURNED OVER TO PRODUCTION.

REPORT DATE: 06/19/04

MD:0

TVD:0

DAYS:

MW:

VISC:

DAILY: DC: CC: DAILY DETAILS: MADE 479 MCF. 3 OIL. 124 WTR, FTP 266, SICP 648, SLP 103, 18/64 CHOKE

**REPORT DATE: 06/20/04** 

MD: 0

TVD:0

TC:

DAYS:

CUM: DC: \$0

MW -

DAILY: DC:

CC:

TC:

CUM: DC: \$0

CC: \$1,407

VISC : TC: \$1,407

TC: \$1,407

TC: \$1,407

DAILY DETAILS: MADE 887 MCF, 2 OIL, 77 WTR, FTP 212, SICP 531, SLP 107, 48/64 CHOKE.

REPORT DATE: 06/21/04

MD:0

TVD:0

DAYS:

MW:

VISC:

CUM: DC: \$0 TC: DAILY: DC: CC: DAILY DETAILS: MADE 876 MCF, 0 OIL, 62 WTR, FTP 121, SICP 450, SLP 94, 48/64 CHOKE.

REPORT DATE: 06/22/04

MD:0

TVD:0

DAYS:

CUM: DC: \$0

MW:

CC: \$1,407

CC: \$1,407

CC: \$1,407

VISC:

DAILY: DC: TC: CC:

MD:0

DAILY DETAILS: MADE 814 MCF, 3 OIL, 54 WTR, FTP 121, SICP 450, SLP 92, 48/64 CHOKE.

TC: \$1,407

**REPORT DATE: 06/23/04** 

TVD:0

DAYS: CUM: DC: \$0 MW:

VISC:

TC: \$1,407

DAILY: DC: CC: TC: DAILY DETAILS: MADE 797 MCF, OIL, WTR, FTP 118, SICP 419, SLP 91, 48/64 CHOKE.

JUN 2 3 2004



# **FAX COVER**



To: Utah Division of Oil, Gas & Mining

Company: Utah Division of Oil, Gas & Mining

Fax Number: 18013593940

From: Terri Potter

Company: Dominion Exploration & Production

Fax Number: (405) 749-6657

Subject: RBU 12-22E

T. 105, R. 19E, S. 22

43.047.35042

Pages including cover page: 2

Date: 6/30/2004

Time: 11:21:28 AM

E-mail Address: Terri\_R\_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED
JUN 3 0 2004

Date: 6/30/2004 Time: 12:52:40 PM



## WELL CHRONOLOGY REPORT

CONFIDENTIAL

Page: 1

WELL NAME: RBU 12-22E

DISTRICT: ONSHORE WEST COUNTY & STATE: UINTAH

FIELD: NATURAL BUTTES 630

Event No: 2

LOCATION: 2222' FSL 999' FWL SEC 22 T 10S R 19E

CONTRACTOR:

WI %:

AFE#:

API#: 43-047-35042

PLAN DEPTH:8,400

SPUD DATE:

DHC:

EVENT DC: \$0

CWC:

AFE TOTAL:

FORMATION: WASATCH/MESAVERDE

**EVENT CC: \$1,407** 

**EVENT TC: \$1.407** 

WELL TOTL COST: \$809,369

**REPORT DATE: 06/24/04** DAILY: DC:

MD: 0 cc ·

TVD:0 TC:

DAYS: CUM: DC: \$0 MW: CC: \$1,407 VISC: TC: \$1,407

DAILY DETAILS: MADE 751 MCF, 0 OIL, 39 WTR, FTP 116, SICP 421, SLP 96, 48/64 CHOKE.

MD:0

TVD:0

DAYS:

MW:

VISC:

REPORT DATE: 06/25/04

DAILY: DC:

CC:

TC:

CUM: DC:\$0

CC: \$1,407

TC: \$1,407

TC: \$1,407

DAILY DETAILS: MADE 719 MCF, OIL, WTR, FTP 171, SICP 440, SLP 168, 48/64 CHOKE.

REPORT DATE: 06/26/04 DAILY: DC:

MD:0 CC:

TVD:0 TC:

DAYS: CUM: DC: \$0 MW:

CC: \$1,407

VISC:

DAILY DETAILS: MADE 697 MCF, 0 OIL, 37 WTR, FTP 124, SICP 413, SLP 114, 48/64 CHOKE.

REPORT DATE: 06/27/04

MD:0

TVD:0

DAYS:

MW:

VISC:

DAILY: DC:

CC:

TC:

CUM: DC: \$0

CC: \$1,407

TC: \$1,407

DAILY DETAILS: MADE 683 MCF, 3 OIL, 39 WTR, FTP 130, SICP 399, SLP 199, 48/64 CHOKE.

**REPORT DATE: 06/28/04** 

TVD:0

DAYS:

MW:

VISC:

DAILY: DC:

MD:0 CC:

TC:

CUM: DC:\$0

CC: \$1,407

TC: \$1,407

DAILY DETAILS: MADE 651 MCF, 2 OIL, 22 WTR, FTP 127, SICP 393, SLP 118, 48/64 CHOKE.

**REPORT DATE: 06/29/04** 

MD:0

TVD:0

DAYS:

MW:

DAILY: DC:

CC:

TC:

CUM: DC: \$0

CC: \$1,407

VISC: TC: \$1,407

DAILY DETAILS: MADE 651 MCF, 42 OIL, 3 WTR, FTP 108, SICP 386, SLP 97, 48/64 CHOKE.

REPORT DATE: 06/30/04

MD:0

TVD:0

DAYS:

MW:

DAILY: DC:

cc:

TC:

CUM: DC: \$0

CC: \$1,407

VISC: TC: \$1,407

DAILY DETAILS: MADE 541 MCF, OIL, WTR, FTP 245, SICP 468, SLP 250, 48/64 CHOKE.

RECEIVED JUN 3 0 2004

Form 3160-4 (August 1999) UNITED STATES DEPARTMENT THE THE INTERIOR

FORM APPROVED OMB NO. 1004-0137

BUREALLOF

|                          | 18/51               | 1 001101         | CTION OF         | SAND IMPAINS           | GEMENI         |                                       |             |                               |  | -19                | VV             | Expires: N                        | ovember 3     | 0, 2000                                      |
|--------------------------|---------------------|------------------|------------------|------------------------|----------------|---------------------------------------|-------------|-------------------------------|--|--------------------|----------------|-----------------------------------|---------------|--|
| 0.2                      | U MEr               | L COMPL          | ETION OR         | RECOM                  | PLETION        | REPO                                  | RT AN       | ID LÕÉ                        | ١٦٤  | DIMI               | M.             | Expires: N<br>Lease Serial        | No.           |  |
|                          | <del></del> -       |                  |                  |                        |                |                                       |             |                               | M∤∗  | IULIA.             | "I"            |                                   | U-0137        | <b>'</b> 92                                  |
| 1a. Type o               | f Well              | Dil Well X       | Gas Well         | Dry Ot                 | her            | <u> </u>                              | <del></del> | <del>- 74</del>               | #  | 75                 | +              | <del> </del>                      |               |  |
|                          | f Completion:       | X New We         |                  | •                      | _              |                                       |             | •                             |  |                    | 6.             | If Indian, Allot                  | tee or Tril   | oe Name                                      |
| 0. Type 0.               | Completion.         | Wew Ave          | AAOUK            | COver [                | Deepen         |                                       | iff.Resvr.  |                               |  |                    | <u>_</u>       | 11-14                             |               | FF   |
|                          |                     | Other            |                  |                        |                |                                       |             |                               |  |                    | 1'             | Unit or CA Ag                     | reement i     | Name and No.                                 |
| 2. Name o                | of Operator         |                  |                  |                        |                | · · · · · · · · · · · · · · · · · · · |             |                               |  |                    | +              | Lanca Maria                       |               |  |
| Domi                     | nion Explorat       | tion & Prod      | action Inc       |                        |                |                                       |             |                               |  |                    | °.             | Lease Name                        |               |  |
| 3. Addres                |                     |                  |                  | **                     |                | 3-                                    | Phone       | No (inclu                     | do a   | ea code            | <del> </del> - |                                   | RBU 1         | 2-22E  |
| 140                      | 000 Quail Sp        | rings Parky      | vav - Ste 60     | 0 - Okla C             | ity OK 731     | 134                                   | a. I Hone   | νο. (IIICIII<br>νε - <b>Ω</b> | 120  |                    | 9.             | API Well No.                      | 047.0         | E0.40  |
| 4. Locatio               | n of Well (Repor    | t location clear | v and in accorda | ance with Fed          | eral requireme | nte\*                                 | 41          | 05-7                          | 138  | & MINII            | 10             |                                   | -047-3        |  |
| At surfa                 |                     |                  | ,                | ando mari cu           | crai requireme | 1113)                                 |             | >                             | 2  | <b>ં</b> જ         | 110.           | Field and Poo                     |               | ratory                                       |
| At Suite                 |                     |                  |                  |                        |                |                                       |             | 冚                             | AUG 1 g  | OF OIL, GAS        | <u> </u>       | Natural Bu                        |               |  |
| At top p                 | rod. Interval repo  | orted below      |                  |                        |                |                                       |             | Ö                             | -  | ·                  | ''             | Sec., T.,R.,M.,<br>Survey or Area | _             |  |
|                          | 22                  | 22' FSL & 9      | 99' FWL          |                        |                |                                       |             | Ш                             | 3  | ō                  | 12             | County or Pari                    |               | 22-10S-19E                                   |
| At total                 | depth               |                  |                  |                        |                |                                       |             | $\alpha$                      | V  | 유                  | 1'2.           | -                                 | sn            | 13. State                                    |
| 14. Date Sp              | oudded              | 15 Date          | Г.D. Reached     | 146                    | . Date Comple  |                                       |             |                               |  | - <u></u>          | -              | Uintah                            |               | UT   |
| •                        | 2004                | 1                | 5/17/2004        |                        | . Date Comple  | X                                     |             |                               |  | Q                  | 17.            | Elevations (DF                    | , RKB, R      | T, GL)*                                      |
| 0,012                    | 2004                | ,                | 3/1//2004        |                        | D&             |                                       | Ready to p  | orod.                         | 614  | 1/2004             | i              |                                   | 5200'         | 1  |
| 18. Total De             | epth: MD            | 8370'            | 19. Plug Back    | T.D.: MD               | 833            | 11'                                   | 20          | Depth Bri                     |  |                    | MD             |                                   |               |  |
|                          | TVD                 |                  |                  | TV                     |                | •                                     | 20.         | Depai Bi                      | luge   | riug Set.          | TVE            |                                   |               |  |
| 21 Type Flo              | ectric & Other Me   | achanical Logo   | Pun (Submit on   |                        |                |                                       | 1           |                               |  | [1                 |                | ·                                 |               |  |
| کار این                  | ual/Micro Lat       | erolog Cor       | nui (Subilit Co  | py or each)            | Nautos-        |                                       | 1           | s well core                   |  | XΝο                |                | Yes                               | (Submit       | t analysis)                                  |
|                          |                     |                  |                  |                        |                |                                       | Wa          | s DST run                     | 1?   | X No               |                | Yes                               | (Submit       | report)                                      |
| 00. 0                    |                     |                  | r Log, Ceme      | ent Bond Lo            | og             |                                       | Dire        | ectional Su                   | urvey  | ?                  | Х              | No _                              | Yes (S        | Submit copy)                                 |
|                          | and Liner Record    | (Report all str  | ing set in well) |                        |                |                                       |             |                               |  |                    |                |                                   |               |  |
| Hole Size                | Size/Grade          | Wt.(#/ft)        | Top (MD)         | Bottom (M              | י ו נעו        | Cementer<br>epth                      |             | of Sks &<br>of Cement         | .  | Slurry Vol.        | (              | Cement Top*                       | Α             | Amount Pulled                                |
|                          | 8 5/8"              | 32#              | Surface          | 2204.8                 | <u> </u>       | -pui                                  | 700 si      |                               | +  | (BBL)              | Sin            | face                              | <del> </del>  |  |
| 7 7/8"                   | 5 1/2"              | 17#              | Surface          | 8365'                  |                |                                       | 735 S       |                               | $\top$   |                    | _              | . TOC 2400                        | <del> </del>  |  |
| 1                        |                     |                  |                  |                        |                |                                       |             |                               | 1  |                    |                |                                   | 1             |  |
| 24. Tubing F<br>Size     | Record Depth Set (M | MD) Bool         | (er Depth (MD)   | D:                     | 1 5 11 6       |                                       |             |                               |  |                    |                |                                   |               |  |
|                          | 8231'               | ib) Faci         | (er Deput (MD)   | Size                   | Depth          | Set (MD)                              | Packe       | er Depth (I                   | MD)  | Size               | $\dashv$       | Depth Set(M                       | D) P          | acker Depth (MD)                             |
| 25. Producir             | g Intervals         |                  |                  | <u> </u>               | 26 Perfo       | ration Rec                            | ord         |                               |  | 1                  |                | <del></del>                       |               |  |
|                          | Formation           |                  | Тор              | Bottom                 | 25. 1 01101    |                                       | ed Interva  | ı                             | <b>T</b>   | Size               | N              | o. Holes                          | Perf          | .Status                                      |
| A) Mesave                | erde                |                  | 8192'            | 8255'                  | (8192- 0       | 8, 8209-                              | 14, 822     | 8- 36                         | +  |                    | ,,,            | -                                 | 1 611         | .Status                                      |
| B)                       |                     |                  |                  |                        | 8239- 4        | 6, 8248                               |             |                               | 1  |                    |                | 60                                |               | Open   |
| C) Mesave                |                     |                  | 8011'            | 8034'                  | 8011- 3        |                                       |             |                               | T  |                    |                | 47                                |               | Open   |
| D) Uteland               |                     |                  | 7547'            | 7556'                  | 7547- 5        |                                       |             |                               |  |                    |                | 55                                |               | Open   |
| E) Uteland<br>F) Chapita |                     |                  | 6671'<br>6256'   | 6767'                  | 6671-8         |                                       |             |                               |  |                    |                | 58                                |               | Open   |
| G) Chapita               |                     | <del> </del>     | 5573'            | 6403'<br>5878'         | 6256-7         | 8, 6392                               | - 96, 63    | 398-03                        |  |                    |                | 52                                |               | Open   |
|                          | cture, Treatment    | Cement Sque      | eze Etc          | 3070                   | 5573-9         | 2, 5/49                               | -58, 58     | 60- 78                        |  |                    |                | 58                                | R             | Open   |
|                          | Depth Interval      |                  |                  |                        |                |                                       | Amoun       | t and Type                    | e of N   | Material           |                |                                   | <del></del>   |  |
| 8192' - 82               |                     |                  | Frac w/42,9      | 87# 20/40              | Ottawa Sa      | nd, w/26                              | 64.6 Ms     | cf of N                       | 2 ar   | d 549 bbls         | YF             | 120ST.                            | <del></del> - | THE DEVI                                     |
| 8011' - 80               |                     |                  | Frac w/34,6      | 24 20/40 C             | Ottawa San     | d, w/213                              | 3.1 Msc     | f of N2                       | and  | 503 bbls           | YF 1           | 120ST.                            |               | Projection                                   |
| 7547' - 75<br>6671' - 67 |                     |                  | Frac w/32,2      | 81# 20/40              | Ottawa Sa      | nd, w/10                              | 00.1 Ms     | scf of N                      | 2 an   | d 384.1 bl         | ols Y          | /F 115ST.                         | _             | -XIMRED                                      |
| 6256' - 64               |                     |                  | Frac w/40,8      | 00# 20/40              | Ottawa Sa      | nd, w/12                              | 28.4 Ms     | of of Na                      | 2 an   | d 391 bbls         | YF             | 115ST.                            |               | 7-4-05                                       |
| 5573' - 58               |                     |                  | Frac w/52,2      | 94# 20/40              | Ottawa Sa      | nd, w/13                              | 35.4 Ms     | cf of N                       | 2 an   | d 391.0 bt         | ols Y          | /F 115ST.                         |               |  |
| Date First               | Test                | Hours            | Frac w/84,3      | 00# 20/40<br> 0i     0 | Ottawa Sai     | NO, W/26                              |             | oct of Na                     | 2 an   | d 522.4 bł<br>IGas |                | F 115ST.                          |               |  |
| Produced                 | Date                | Tested           |                  |                        | MCF            | BBL                                   |             | orr. API                      |  | Gravity            | ľ              | , oddodion i Method               |               |  |
| 6/4/2004                 | 8/4/2004            | 24               | <b>→</b>         | 3                      | 422            | 36                                    | 0           |                               |  |                    |                |                                   | Flowin        | na.  |
| Choke<br>Size            | Tbg.Press.          | Csg.             | 24 Hr.           | Oil C                  | Gas            | Water                                 | G           | as:Oil                        | a Eu   | Well Status        | <u> </u>       | ·                                 | , IOWIII      | <u>y                                    </u> |
|                          | Flwg.<br>SI         | Press.           | Rate             | BBL A                  | MCF            | BBL                                   | R           | tatio                         | 1. The second se | - A.V              |                |                                   |               |  |
| 48                       | 103                 | 299              |                  | 3                      | 422            | 30                                    | 0           | 1;140,6                       | 66   |                    | 2,1            | Produc                            | ing           |  |
| 28a. Produ               | ction - Interval B  | Hours            | Test             | Oil I                  |                | 1000                                  |             |                               | joy.   | 9<br>45 - 35 1 2   | 475            |                                   |               |  |
| Produced                 | Date                | Tested           | Production       |                        | Gas<br>ACF     | Water                                 | ļõ          | or ABI                        |  | Gas 🔆              | Pı             | roduction Method                  |               |  |

Csg. Press.

Oil BBL

Rate

Gas MCF

Water BBL

Gas:Oil Ratio

Tbg.Press. Flwg. SI

Choke

Size

| <del></del>                           |                                    |                 |   |                             |                                   |                                     |             |                   |                                       |                   |                      |
|---------------------------------------|------------------------------------|-----------------|---|-----------------------------|-----------------------------------|-------------------------------------|-------------|-------------------|---------------------------------------|-------------------|----------------------|
|                                       | ion - Interval C                   |                 | T   |                             |                                   | - E                                 |             |                   |                                       |                   |                      |
| Date First<br>Produced                | Test<br>Date                       | Hours<br>Tested | Test<br>Production                              | )BBL                        | Gas<br>MCF                        | Water<br>BBL                        | 1           | Gravity<br>r. API | Gravity                               | Production Metho  | od                   |
| Choke<br>Size                         | Tog Press.<br>Flwg.<br>SI          | Csg.<br>Press.  | 24 Hr.<br>Rate                                  | Oil<br>BBL                  | Gas<br>MCF                        | Water<br>BBL                        | Gas<br>Rati | s:Oil<br>io       | Well Status                           | .1                |                      |
| 28c. Producti                         | ion - Interval D                   | <u> 1</u>       |   | <u> </u>                    |                                   | 1                                   |             |                   |                                       |                   |                      |
| Date First<br>Produced                | Test<br>Date                       | Hours<br>Tested | Test<br>Production                              | Oil<br>BBL                  | Gas<br>MCF                        | Water<br>BBL                        |             | Gravity<br>r. API | Gas<br>Gravity                        | Production Metho  | od                   |
|                                       |                                    |                 |   | 1                           |                                   | ļ                                   | - 1         |                   | 1                                     |                   |                      |
| Choke<br>Size                         | Tbg.Press.<br>Flwg.<br>SI          | Csg.<br>Press.  | 24 Hr.<br>Rate                                  | Oil<br>BBL                  | Gas<br>MCF                        | Water<br>BBL                        | Gas<br>Rati |                   | Well Status                           |                   |                      |
| 29. Dispostion                        |                                    | sed for fuel,   | vented, etc.)                                   | <u> </u>                    | <u>-</u>                          |                                     |             | <del></del>       |                                       | <u>'</u>          |                      |
| 20.0                                  | Sold                               | (111A-          |   |                             |                                   |                                     |             |                   |                                       |                   |                      |
|                                       | portant zones o                    | of porosity an  | ulters):<br>nd contents therecushion used, time |                             |                                   |                                     |             | 31. Forma         | ation (Log) Marke                     | rs                |                      |
| Formation                             | on                                 | Тор             | Bottom  |                             | Descritpion,                      | Contents, etc.                      |             |                   | Name                                  |                   | Top Mana Dorth       |
| <del> </del>                          |                                    |                 |   |                             |                                   |                                     |             | Monata            | h Tanawa                              |                   | Meas. Depth          |
|                                       |                                    |                 |   | ĺ                           |                                   |                                     |             |                   | h Tongue<br>Limestone                 |                   | 4038'                |
|                                       | ļ                                  |                 |   |                             |                                   |                                     |             | Wasata            |                                       |                   | 4403'<br>4563'       |
|                                       | 1                                  | <u> </u>        |   |                             |                                   |                                     |             |                   |                                       |                   | 1                    |
|                                       | 1                                  |                 |   | i                           |                                   |                                     | 1           | Chapita           |                                       |                   | 5398'                |
|                                       |                                    |                 |   |                             |                                   |                                     |             | Uteland           |                                       |                   | 6618'                |
|                                       | }                                  |                 |   |                             |                                   |                                     |             | Mesave            | rde                                   |                   | 7592'                |
|                                       | ł                                  |                 |   |                             |                                   |                                     |             |                   |                                       |                   | ł                    |
|                                       | ŀ                                  |                 |   | ł                           |                                   |                                     |             |                   |                                       |                   |                      |
|                                       |                                    |                 |   | İ                           |                                   |                                     |             |                   |                                       |                   |                      |
|                                       |                                    | - 1             |   |                             |                                   |                                     |             |                   |                                       |                   |                      |
|                                       | j                                  |                 |   |                             |                                   |                                     | i           |                   |                                       |                   |                      |
|                                       | 1                                  | 1               |   |                             |                                   |                                     | - 1         |                   |                                       |                   |                      |
|                                       | ŀ                                  |                 |   |                             |                                   |                                     | j           |                   |                                       |                   |                      |
|                                       | ł                                  | 1               |   |                             |                                   |                                     | I           |                   |                                       |                   | 1                    |
|                                       |                                    |                 |   |                             |                                   |                                     |             |                   |                                       |                   |                      |
| 32. Additional re                     | emarks (include                    | plugging pro    | ocedure)  |                             |                                   |                                     |             |                   | · · · · · · · · · · · · · · · · · · · |                   | <u> </u>             |
|                                       |                                    |                 |   |                             |                                   |                                     |             |                   |                                       |                   |                      |
|                                       |                                    |                 |   |                             |                                   |                                     |             |                   |                                       |                   |                      |
|                                       |                                    |                 |   |                             |                                   |                                     |             |                   |                                       |                   |                      |
| 33. Circle enclo                      | sed attachment                     | s:              |   |                             | 10.0                              |                                     |             |                   |                                       |                   |                      |
| 1. Electrica                          | al/Mechanical L                    | ogs (1 full se  | et req'd)                                       | 2. G                        | eologic Repor                     | t 3.                                | DST Re      | port              | 4. Directional                        | Survey            |                      |
| 5. Sundry                             | Notice for plugg                   | ing and cem     | ent verification                                | 6. Co                       | ore Analysis                      | 7.                                  | Other:      |                   |                                       |                   |                      |
|                                       | <del></del>                        |                 |   | ·                           |                                   |                                     |             |                   |                                       |                   |                      |
| 34. I hereby cer                      | tify that the fore                 | going and at    | tached information                              | n is comple                 | ete and correc                    | t as determined                     | from all a  | vailable re       | cords (see attach                     | ed instructions)* |                      |
| Name (pleas                           | se print)                          | Carla Ch        | nristian  |                             |                                   |                                     | Title _     | Regu              | latory Specia                         | list              |                      |
| Signature                             | (a                                 | la_             | Chru  | stio                        | $\sim$                            |                                     | Date _      | Augu              | st 10, 2004                           |                   |                      |
| -                                     |                                    |                 |   |                             |                                   |                                     |             |                   |                                       |                   |                      |
| Fitle 18 U.S.C. Sany false, fictition | Section 1001 and us or fradulent s | d Title 43 U.   | S.C. Section 1212<br>or representations         | 2, make it a<br>as to any n | crime for any<br>natter within it | y person knowing<br>s jurisdiction. | Jly and wi  | ilifully to ma    | ake to any depart                     | ment or agency o  | of the United States |

### Division of Oil, Gas and Mining **OPERATOR CHANGE WORKSHEET**

| R  | ROUTING_ |  |  |  |  |  |  |  |
|----|----------|--|--|--|--|--|--|--|
| 1. | DJJ      |  |  |  |  |  |  |  |
| 2  | CDW      |  |  |  |  |  |  |  |

| X - Change of Operator (Well Sold)   | <del> </del>   |           | Operai               | oi Name        | Change/Merg     | <u>C1</u> |           |
|--|----------------|-----------|----------------------|----------------|-----------------|-----------|-----------|
| The operator of the well(s) listed below has char  | iged, effecti  | ve:       |                      |                | 7/1/2007        |           |           |
| FROM: (Old Operator):  |                |           | <b>TO:</b> ( New Op  | perator):      |                 |           |           |
| N1095-Dominion Exploration & Production, Inc   |                |           | N2615-XTO E          | nergy Inc      |                 |           |           |
| 14000 Quail Springs Parkway, Suite 600   |                |           |                      | uston St       |                 |           |           |
| Oklahoma City, OK 73134  |                |           | Fort Wo              | orth, TX 76    | 5102            |           |           |
|  |                |           |                      |                |                 |           |           |
| Phone: 1 (405) 749-1300  |                |           | Phone: 1 (817)       | 870-2800       |                 |           |           |
| CA No.   |                |           | Unit:                |                | RIVER E         | END       |           |
| WELL NAME  | SEC TWI        | N RNG     | API NO               | ENTITY         | LEASE TYPE      | WELL      | WELL      |
|  |                |           |                      | NO             |                 | TYPE      | STATUS    |
| SEE ATTACHED LIST  |                |           |                      |                |                 |           | <u> </u>  |
|  |                |           |                      |                |                 |           |           |
| OPERATOR CHANGES DOCUMENT  | ATION          |           |                      |                |                 |           |           |
| Enter date after each listed item is completed   |                |           |                      |                | 0/5/000=        |           |           |
| 1. (R649-8-10) Sundry or legal documentation w   |                |           | -                    |                | 8/6/2007        |           |           |
| 2. (R649-8-10) Sundry or legal documentation w   | as received:   | from the  | NEW operator         | on:            | 8/6/2007        |           |           |
| 3. The new company was checked on the <b>Depart</b>  | ment of Co     | mmerce    | e, Division of Co    | orporations    | Database on:    |           | 8/6/2007  |
| 4a. Is the new operator registered in the State of   | Utah:          |           | Business Numb        | er:            | 5655506-0143    |           |           |
| 4b. If NO, the operator was contacted contacted  | on:            |           |                      |                |                 |           |           |
| 5a. (R649-9-2)Waste Management Plan has been re  | eceived on:    |           | IN PLACE             |                |                 |           |           |
| 5b. Inspections of LA PA state/fee well sites comp   |                |           | n/a                  | -              |                 |           |           |
| 5c. Reports current for Production/Disposition &   |                |           | ok                   | • .            |                 |           |           |
| 6. Federal and Indian Lease Wells: The Bl  |                |           |                      | margar na      | ma ahanga       |           |           |
|  |                |           |                      | BLM            |                 | BIA       |           |
| or operator change for all wells listed on Feder 7. Federal and Indian Units:                                    | ai oi ilidiali | leases C  | <b>711.</b>          | BLIVI          |                 | DIA       | •         |
|  |                | matan fa  | u veralla liatad ame |                |                 |           |           |
| The BLM or BIA has approved the successo   | _              |           |                      | •              |                 |           |           |
| 8. Federal and Indian Communization Ag   | -              | •         | •                    |                |                 |           |           |
| The BLM or BIA has approved the operator   |                |           |                      | wed IIIC E     | orm 5, Transfer | of Author | ority to  |
| 9. Underground Injection Control ("UIC"  | •              |           |                      |                | -               | OI AUIII  | officy to |
| Inject, for the enhanced/secondary recovery us   | mi/project id  | or the wa | ater disposai wei    | u(s) listed o  | n;              |           | -         |
| DATA ENTRY:  |                |           | 0/27/2007            |                |                 |           |           |
| 1. Changes entered in the Oil and Gas Database   |                | C-        | 9/27/2007            |                | 9/27/2007       |           |           |
| <ul><li>2. Changes have been entered on the Monthly O</li><li>3. Bond information entered in RBDMS on:</li></ul> | perator Cn     | ange Sp   | 9/27/2007            |                | 912112001       |           |           |
| 4. Fee/State wells attached to bond in RBDMS of  | n·             |           | 9/27/2007            | •              |                 |           |           |
| 5. Injection Projects to new operator in RBDMS   |                |           | 9/27/2007            | -              |                 |           |           |
| 6. Receipt of Acceptance of Drilling Procedures  |                | w on:     | 3/2//2007            | 9/27/2007      |                 |           |           |
| BOND VERIFICATION:   |                |           |                      |                | •               |           |           |
| Federal well(s) covered by Bond Number:  |                |           | UTB000138            |                |                 |           |           |
| 2. Indian well(s) covered by Bond Number:  |                |           | n/a                  | •              |                 |           |           |
| 3a. (R649-3-1) The NEW operator of any state/f   | ee well(s) lis | sted cov  |                      | -<br>umber     | 104312762       |           |           |
| 3b. The <b>FORMER</b> operator has requested a release   | ` '            |           | -                    | 1/23/2008      |                 |           |           |
| The Division sent response by letter on:   |                | , > **    |                      |                | •               |           |           |
| LEASE INTEREST OWNER NOTIFIC   | CATION:        |           | <del></del>          |                |                 |           |           |
| 4. (R649-2-10) The <b>NEW</b> operator of the fee well   |                |           | l and informed h     | y a letter fro | om the Division |           |           |
| of their responsibility to notify all interest own   |                |           |                      | J 24.          |                 |           |           |
| COMMENTS:  |                |           |                      |                |                 |           |           |

|   | DEPARTMENT OF                   | I OF UTAN<br>Natural Resol | IRCES                |                                       |          | 101                                    | (IVI 9                                 |
|---|---------------------------------|----------------------------|----------------------|---------------------------------------|----------|--|--|
|   | DIVISION OF OIL                 |                            |                      |                                       | 5. LEA   | SE DESIGNATION AND SERIAL NUMBER       | ;                                      |
| SUNDRY  | Y NOTICES AN                    | ND REPORT                  | S ON WE              | LLS                                   | 6. IF IN | NDIAN, ALLOTTEE OR TRIBE NAME:         |  |
| Do not use this form for proposals to drill in drill horizontal I | new wells, significantly deepe  | en existing wells below o  | urrent bottom-höle d | epth, reenter plugged wells, or to    | 7. UNI   | T or CA AGREEMENT NAME:                | <del></del>                            |
| 1. TYPE OF WELL   |                                 |                            |                      | sais.                                 |          | LL NAME and NUMBER:                    | ······································ |
| OIL WELL  | GAS WELL                        | OTHER                      |                      | · · · · · · · · · · · · · · · · · · · | SI       | EE ATTACHED                            |  |
| 2. NAME OF OPERATOR:  | Uni                             | سير ا                      |                      |                                       |          | NUMBER:                                |  |
| XTO Energy Inc.   | N361                            | <u>s</u>                   |                      | PHONE NUMBER:                         |          | EE ATTACHED  ELD AND POOL, OR WILDCAT: |  |
| B. ADDRESS OF OPERATOR: 810 H                                     | louston Street<br>FY Fort Worth | STATE TX ZI                | ⊳76102               | (817) 870-2800                        |          | atural Buttes                          |  |
| 4. LOCATION OF WELL   | Y. POIL WOITH                   | SIAIE IX ZI                | P 10 10Z             | [(017) 070-2000                       |          | diarai Battoo                          | <del></del>                            |
| FOOTAGES AT SURFACE: SEE A  | ATTACHED                        |                            |                      |                                       | COUNT    | ry: Uintah                             |  |
|   |                                 |                            |                      |                                       |          |  |  |
| QTR/QTR, SECTION, TOWNSHIP, RAI                                   | NGE, MERIDIAN:                  |                            |                      |                                       | STATE    | :<br>UTAH                              |  |
|   |                                 |                            |                      |                                       |          | <u></u>                                |  |
| 11. CHECK APP   | ROPRIATE BOX                    | ES TO INDICA               | TE NATURE            | OF NOTICE, REP                        | ORT, O   | R OTHER DATA                           |  |
| TYPE OF SUBMISSION  |                                 |                            |                      | TYPE OF ACTION                        |          |  |  |
| NOTICE OF INTENT  | ACIDIZE                         |                            | DEEPEN               |                                       |          | REPERFORATE CURRENT FORMATION          | 1                                      |
| (Submit in Duplicate)   | ALTER CASING                    |                            | FRACTU               | RE TREAT                              |          | SIDETRACK TO REPAIR WELL               |  |
| Approximate date work will start:                                 | CASING REPAIR                   |                            | NEW CO               | NSTRUCTION                            |          | TEMPORARILY ABANDON                    |  |
|   | CHANGE TO PRE                   | /IOUS PLANS                | ✓ OPERATO            | OR CHANGE                             |          | TUBING REPAIR                          |  |
|   | CHANGE TUBING                   |                            | PLUG AN              | D ABANDON                             |          | VENT OR FLARE                          |  |
| SUBSEQUENT REPORT   | CHANGE WELL NA                  | AME                        | PLUG BA              | СК                                    |          | WATER DISPOSAL                         |  |
| (Submit Original Form Only)                                       | CHANGE WELL ST                  | ratus .                    | PRODUC               | TION (START/RESUME)                   | П        | WATER SHUT-OFF                         |  |
| Date of work completion:  | COMMINGLE PRO                   | DUCING FORMATIONS          | RECLAM               | ATION OF WELL SITE                    | 一        | OTHER:                                 |  |
|   | CONVERT WELL I                  | TYPE                       | RECOMP               | LETE - DIFFERENT FORMATIO             | N        |  |  |
| 12. DESCRIBE PROPOSED OR C  | OMBLETED OPERATIO               | NS Cloarty show all        | nortinont dotaile    | including dates, depths, volu         | mos stá  |  |  |
|   |                                 | _                          |                      |                                       |          |  |  |
| Effective July 1, 2007,   | X10 Energy Inc.                 | nas purcnaseo              | the wells ils        | ted on the attachme                   | nt irom: |  |  |
| Dominion Exploration  | & Production, Inc.              | 11/06                      | 2                    |                                       |          |  |  |
| 14000 Quail Springs P   |                                 |                            | <b>7</b> 5           |                                       |          |  |  |
| Oklahoma City, OK 73  | 134                             |                            |                      |                                       |          |  |  |
|   |                                 |                            | ,                    |                                       |          |  |  |
| h 01  |                                 | <b>.</b>                   | 10 1                 |                                       |          |  |  |
| Lamas D. Abararambi   | althombu.                       | (405) 74                   | 19-1300              | •                                     |          |  |  |
| James D. Abercrombie<br>Sr. Vice President, Ge                    |                                 | -                          |                      |                                       |          |  |  |
| Or. Vide i resident, de   | moral manager - i               | VCStCIII Busine            | Joo Offic            |                                       |          |  |  |
| Please be advised tha   |                                 |                            |                      |                                       |          |  |  |
| under the terms and c   |                                 |                            |                      |                                       |          |  |  |
| is provided by Nationv  | vide BLM Bond #1                | 104312750 and              | l Departmen          | t of Natural Resourc                  | es Bono  | 1 #104312762.                          |  |
|   |                                 |                            | ,                    |                                       |          |  |  |
|   |                                 |                            |                      |                                       |          |  |  |
|   |                                 |                            |                      |                                       |          |  |  |
|   |                                 |                            | • .                  |                                       |          |  |  |
| NAME (PLEASE PRINT) Edwin S.                                      | Ryan. Jr.                       |                            | TI                   | TLE Sr. Vice Preside                  | ent - La | nd Administration                      | —                                      |
| SIGNATURE Eller   | & Lehan ?                       | ell                        | n.                   | ATE 7/31/2007                         |          |  |  |
| Olong Horiz   | /                               |                            |                      | 110112001                             |          |  |  |
| nis space for State use only)                                     |                                 |                            |                      |                                       |          | DECEIVED                               |  |
| and opace for state use only)                                     | 1                               | n (7                       |                      |                                       |          | RECEIVED                               |  |

(Tł

(5/2000)

APPROVED 9131107

Carlene Russell

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

AUG 0 6 2007

DIV. OF OIL, GAS & MINING

### RIVER BEND UNIT

| api        | well_name  | qtr_qtr | sec | twp  | rng         | lease_num      | entity       | Lease   | well        | stat         |
|------------|------------|---------|-----|--|-------------|----------------|--------------|---------|-------------|--------------|
| 4304730087 | OSCU 2     | NWSE    | 03  | 100S   | <del></del> | U-037164       |              | Federal | GW          | P            |
| 4304730266 | RBU 11-18F | NESW    | 18  | 100S   | 200E        | U-013793       | 7050         | Federal | GW          | P            |
| 4304730374 | RBU 11-13E | NESW    | 13  | 100S   | 190E        | U-013765       | 7050         | Federal | GW          | P            |
| 4304730375 | RBU 11-15F | NESW    | 15  | 100S   | 200E        | U-7206         | 7050         | Federal | GW          | P            |
| 4304730376 | RBU 7-21F  | SWNE    | 21  | 100S   | 200E        | U-013793-A     | 7050         | Federal | GW          | P            |
| 4304730405 | RBU 11-19F | NESW    | 19  | 100S   | 200E        | U-013769-A     | 7050         | Federal | GW          | P            |
| 4304730408 | RBU 11-10E | NESW    | 10  | 100S   | 190E        | U-013792       | 7050         | Federal | GW          | P            |
| 4304730410 | RBU 11-14E | NESW    | 14  | <del>                                     </del> |             | U-013792       | 7050         | Federal | GW          | P            |
| 4304730411 | RBU 11-23E | NESW    | 23  | 100S   | 190E        | U-013766       | 7050         | Federal | GW          | P            |
| 4304730412 | RBU 11-16F | NESW    | 16  | 100S   | 200E        | U-7206         | 7050         | Federal | GW          | P            |
| 4304730585 | RBU 7-11F  | SWNE    | 11  | 100S   | 200E        | U-01790        | 7050         | Federal | GW          | P            |
| 4304730689 | RBU 11-3F  | NESW    | 03  | 100S   | 200E        | U-013767       | 7050         | Federal | GW          | P            |
| 4304730720 | RBU 7-3E   | SWNE    | 03  | 100S   | 190E        | U-013765       | 7050         | Federal | GW          | P            |
| 4304730759 | RBU 11-24E | NESW    | 24  | 100S   | 190E        | U-013794       | 7050         | Federal | GW          | P            |
| 4304730761 | RBU 7-10F  | SWNE    | 10  | 100S   | 200E        | U-7206         | 7050         | Federal | GW          | P            |
| 4304730762 | RBU 6-20F  | SENW    | 20  | 100S   | 200E        | U-013793-A     | 7050         | Federal | GW          | P            |
| 4304730768 | RBU 7-22F  | SWNE    | 22  | 100S   | 200E        | 14-20-H62-2646 | 7050         | Indian  | GW          | P            |
| 4304730887 | RBU 16-3F  | SESE    | 03  | 100S   | 200E        | U-037164       | 7050         | Federal | GW          | P            |
| 4304730915 | RBU 1-15E  | NENE    | 15  | 100S   | 190E        | U-013766       | 7050         | Federal | GW          |              |
| 4304730926 | RBU 1-14E  | NENE    | 14  | 100S   | 190E        | U-013792       | 7050         | Federal | GW          | 1            |
| 4304730927 | RBU 1-22E  | NENE    | 22  | 100S   | 190E        | U-013792       | 7050         | Federal | GW          | P            |
| 4304730970 | RBU 1-23E  | NENE    | 23  | 100S   | 190E        | U-013766       | 7050         | Federal | GW          | P            |
| 4304730971 | RBU 4-19F  | NWNW    | 19  |  | ļ           | U-013769-A     |              | Federal | GW          | P            |
| 4304730973 | RBU 13-11F | SWSW    | 11  |  |             | U-7206         |              | Federal | WD          | A            |
| 4304731046 | RBU 1-10E  | NWNE    | 10  |  |             | U-013792       | <del> </del> | Federal | L           | S            |
| 4304731115 | RBU 16-16F | SESE    | 16  |  | <u> </u>    | U-7206         | ļ            | Federal | GW          |              |
| 4304731140 | RBU 12-18F | NWSW    | 18  |  |             | U-013793       | <del> </del> |         | GW          | <u> </u>     |
| 4304731141 | RBU 3-24E  | NENW    | 24  |  |             | U-013794       |              |         | GW          |              |
| 4304731143 | RBU 3-23E  | NENW    | 23  | 4  |             | U-013766       | ļ            | Federal | GW          |              |
| 4304731144 | RBU 9-23E  | NESE    | 23  |  | <u> </u>    | U-013766       | <del> </del> | Federal | GW          |              |
| 4304731145 | RBU 9-14E  | NESE    | 14  |  |             | U-013792       |              | Federal | GW          |              |
| 4304731160 | RBU 3-15E  | NENW    | 15  |  |             | U-013766       |              | Federal | GW          |              |
| 4304731161 | RBU 10-15E | NWSE    | 15  |  |             | U-013766       |              |         | GW          |              |
| 4304731176 | RBU 9-10E  | NESE    | 10  |  |             | U-013792       |              | Federal |             |              |
| 4304731196 | RBU 3-14E  | SENW    | 14  |  | <del></del> | U-013792       |              | Federal |             |              |
| 4304731252 | RBU 8-4E   | SENE    | 04  | -  |             | U-013792       |              | Federal |             |              |
| 4304731322 | RBU 1-19F  | NENE    | 19  |  |             | U-013769-A     |              | Federal |             |              |
| 4304731323 | RBU 5-10E  | SWNW    | 10  |  |             | U-013792       |              |         | GW          |              |
| 4304731369 | RBU 3-13E  | NENW    | 13  |  |             | U-013765       | <del></del>  | Federal |             | <del> </del> |
| 4304731518 | RBU 16-3E  | SESE    | 03  |  |             | U-035316       | 4            | Federal |             |              |
| 4304731519 | RBU 11-11F | NESW    | 11  |  |             | U-7206         |              | Federal |             |              |
| 4304731520 | RBU 1-17F  | NENE    | 17  |  |             | U-013769-B     |              | Federal | <del></del> |              |
| 4304731605 | RBU 9-13E  | NESE    | 13  |  |             | U-013765       |              | Federal |             |              |
| 4304731606 | RBU 3-22E  | NENW    | 22  |  |             | U-013792       |              | Federal |             |              |
| 4304731607 | RBU 8-24E  | SENE    | 24  |  |             | U-013794       |              | Federal |             |              |
| 4304731608 | RBU 15-18F | SWSE    | 18  | 1008   | ZUUE        | U-013794       | /050         | Federal | UW          | ۱۲           |

09/27/2007

## RIVER BEND UNIT

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| 4304731613 | RBU 5-11F  | SWNW    | 11  | <del>-</del> | <del></del>   | U-7206         |  | Federal | GW          | <del> </del> |
| 4304731615 | RBU 4-22F  | NWNW    | 22  |              |               | U-0143521-A    | 3  | Federal | 1           |              |
| 4304731652 | RBU 6-17E  | SWNW    | 17  |              | <del> </del>  | U-03535        |  | Federal |             |              |
| 4304731715 | RBU 5-13E  | SWNW    | 13  |              |               | U-013765       |  | Federal | -[          | +            |
| 4304731717 | RBU 13-13E | SWSW    | 13  |              | 1             | U-013765       | <del></del>                                | Federal | <del></del> |              |
| 4304731739 | RBU 9-9E   | NESE    | 09  |              | 1             | U-03505        |  | Federal | <u> </u>    |              |
| 4304732033 | RBU 13-14E | SWSW    | 14  |              |               | U-013792       |  | Federal |             |              |
| 4304732037 | RBU 11-3E  | NESW    | 03  |              |               | U-013765       | <del>                               </del> | Federal | 4           | P            |
| 4304732038 | RBU 6-18F  | SENW    | 18  |              |               | U-013769       |  | Federal |             | 1            |
| 4304732040 | RBU 15-24E | SWSE    | 24  |              |               | U-013794       |  | Federal | 1           |              |
| 4304732041 | RBU 5-14E  | SWNW    | 14  |              |               | U-013792       |  | Federal |             | P            |
| 4304732050 | RBU 12-20F | NWSW    | 20  |              | 4             | U-0143520-A    | <del> </del>                               | Federal | <del></del> | P            |
| 4304732051 | RBU 7-13E  | SWNE    | 13  |              | 1             | U-013765       | ļ  | Federal |             | P            |
| 4304732070 | RBU 16-19F | SESE    | 19  |              |               | U-013769-A     |  | Federal |             | A            |
| 4304732071 | RBU 9-22E  | NESE    | 22  |              |               | U-013792       |  | Federal |             | P            |
| 4304732072 | RBU 15-34B | SWSE    | 34  |              |               | U-01773        |  | Federal |             | P            |
| 4304732073 | RBU 11-15E | NESW    | 15  |              |               | U-013766       |  | Federal |             | P            |
| 4304732074 | RBU 13-21F | SWSW    | 21  | 100S         | 200E          | U-0143520-A    |  | Federal | GW          | P            |
| 4304732075 | RBU 10-22F | NWSE    | 22  | 100S         | 200E          | U-01470-A      | 7050                                       | Federal | GW          | P            |
| 4304732081 | RBU 9-20F  | NESE    | 20  | 100S         | 200E          | U-0143520-A    | 7050                                       | Federal | GW          | P            |
| 4304732082 | RBU 15-23E | SWSE    | 23  | 100S         | 190E          | U-013766       | 7050                                       | Federal | GW          | P            |
| 4304732083 | RBU 13-24E | SWSW    | 24  | 100S         | 190E          | U-013794       | 7050                                       | Federal | GW          | P            |
| 4304732095 | RBU 3-21E  | NENW    | 21  | 100S         | 190E          | U-013766       | 7050                                       | Federal | GW          | P            |
| 4304732103 | RBU 15-17F | SWSE    | 17  | 100S         | 200E          | U-013769-C     | 7050                                       | Federal | GW          | P            |
| 4304732105 | RBU 13-19F | SWSW    | 19  | 100S         | 200E          | U-013769-A     | 7050                                       | Federal | GW          | P            |
| 4304732107 | RBU 1-21E  | NENE    | 21  | 100S         | 190E          | U-013766       | 1  | Federal |             | P            |
| 4304732128 | RBU 9-21E  | NESE    | 21  | 100S         | 190E          | U-013766       |  | Federal |             | P            |
| 4304732129 | RBU 9-17E  | NESE    | 17  | <del>}</del> |               | U-03505        |  | Federal |             | P            |
| 4304732133 | RBU 13-14F | SWSW    | 14  |              |               | U-013793-A     |  | Federal |             |              |
| 4304732134 | RBU 9-11F  | NESE    | 11  |              |               | U-7206         |  | Federal |             | P            |
| 4304732138 | RBU 5-21F  | SWNW    | 21  |              |               | U-013793       |  | Federal | GW          |              |
| 4304732146 | RBU 1-20E  | NENE    | 20  |              | ·             | U-03505        |  | Federal | GW          |              |
| 4304732149 | RBU 8-18F  | SENE    | 18  |              | 1 1111 - 1111 | U-013769       |  | Federal |             |              |
| 4304732153 | RBU 13-23E |         | +   |              |               | U-13766        |  | Federal |             |              |
| 4304732154 | RBU 5-24E  | SWNW    | 24  |              |               | U-013794       |  | Federal |             |              |
| 4304732156 | RBU 5-14F  | SWNW    | 14  | <u> </u>     |               | U-013793A      |  | Federal |             |              |
| 4304732166 | RBU 7-15E  | SWNE    | 15  | 4            |               | U-013766       |  | Federal |             |              |
| 4304732167 | RBU 15-13E | SWSE    | 13  |              |               | U-013765       |  | Federal |             |              |
| 4304732189 | RBU 13-10F | SWSW    | 10  |              |               | 14-20-H62-2645 |  | Indian  | GW          |              |
| 4304732190 | RBU 15-10E | SWSE    | 10  |              | ļ             | U-013792       | 1  | Federal | 1           |              |
| 4304732191 | RBU 3-17FX | NENW    | 17  |              | 1             | U-013769-C     | <del></del>                                | Federal |             |              |
| 4304732197 | RBU 13-15E | SWSW    | 15  | <u> </u>     |               | U-013766       |  | Federal |             |              |
| 4304732198 | RBU 7-22E  | SWNE    | 22  |              |               | U-013792       |  | Federal |             |              |
| 4304732199 | RBU 5-23E  | SWNW    | 23  | <del> </del> |               | U-013766       |  | Federal |             |              |
| 4304732201 | RBU 13-18F | SWSW    | 18  |              |               | U-013793       |  | Federal |             |              |
| 4304732211 | RBU 15-15E | SWSE    | 15  | 100S         | 190E          | U-013766       | 7050                                       | Federal | <u> GW</u>  | P            |

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## RIVER BEND UNIT

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| 4304732213 | RBU 5-19F             | SWNW    | 19          | <del></del>  |              | U-013769-A     | <del></del> | Federal | GW   |              |
| 4304732217 | RBU 9-17F             | NESE    | 17          |              | 1            | U-013769-C     |             | Federal |      |              |
| 4304732219 | RBU 15-14E            | SWSE    | 14          |              |              | U-013792       |             |         | GW   |              |
| 4304732220 | RBU 5-3E              | SWNW    | 03          |              |              | U-03505        |             | Federal | GW   |              |
| 4304732228 | RBU 9-3E              | NESE    | 03          |              |              | U-035316       |             | Federal | GW   | <del> </del> |
| 4304732239 | RBU 7-14E             | SWNE    | 14          |              |              | U-103792       |             | Federal | GW   |              |
| 4304732240 | RBU 9-14F             | NESE    | 14          |              | <del> </del> | U-013793-A     |             | Federal | GW   |              |
| 4304732242 | RBU 5-22E             | SWNW    | 22          |              |              | U-013792       |             | Federal | GW   |              |
| 4304732263 | RBU 8-13E             | SENE    | 13          |              |              | U-013765       |             | Federal | GW   |              |
| 4304732266 | RBU 9-21F             | NESE    | 21          |              |              | U-0143520-A    |             | Federal | GW   |              |
| 4304732267 | RBU 5-10F             | SWNW    | 10          | <del> </del> | <del></del>  | U-7206         |             | Federal | GW   |              |
| 4304732268 | RBU 9-10F             | NESE    | 10          | 1            | t            | U-7206         |             | Federal | GW   |              |
| 4304732269 | RBU 4-15F             | NWNW    | 15          | <del></del>  |              | INDIAN         |             | Indian  | GW   |              |
| 4304732270 | RBU 14-22F            | SESW    | 22          | 4            |              | U-0143519      |             |         | GW   |              |
| 4304732276 | RBU 5-21E             | SWNW    | 21          | 100S         | 190E         | U-013766       | 7050        | Federal | GW   | P            |
| 4304732289 | RBU 7-10E             | SWNE    | 10          | 100S         | 190E         | U-013792       | 7050        | Federal | GW   | P            |
| 4304732290 | RBU 5-17F             | SWNW    | 17          | 100S         | 200E         | U-013769-C     | 7050        | Federal | GW   | P            |
| 4304732293 | RBU 3-3E              | NENW    | 03          | 100S         | 190E         | U-013765       | 7050        | Federal | GW   | P            |
| 4304732295 | RBU 13-22E            | SWSW    | 22          | 100S         | 190E         | U-013792       | 7050        | Federal | GW   | P            |
| 4304732301 | RBU 7-21E             | SWNE    | 21          | 100S         | 190E         | U-013766       | 7050        | Federal | GW   | P            |
| 4304732309 | RBU 15-21F            | SWSE    | 21          | 100S         | 200E         | U-0143520-A    | 7050        | Federal | GW   | P            |
| 4304732310 | RBU 15-20F            | SWSE    | 20          | 100S         | 200E         | U-0143520-A    | 7050        | Federal | GW   | P            |
| 4304732312 | RBU 9-24E             | NESE    | 24          | 100S         | 190E         | U-013794       | 7050        | Federal | GW   | P            |
| 4304732313 | RBU 3-20F             | NENW    | 20          | 100S         | 200E         | U-013793-A     | 7050        | Federal | GW   | P            |
| 4304732315 | RBU 11-21F            | NESW    | 21          | 100S         | 200E         | U-0143520-A    | 7050        |         | GW   |              |
| 4304732317 | RBU 15-22E            | SWSE    | 22          | 100S         | 190E         | U-013792       |             |         | GW   |              |
| 4304732328 | RBU 3-19FX            | NENW    | 19          | <del></del>  |              | U-013769-A     |             |         | GW   |              |
| 4304732331 | RBU 2-11F             | NWNE    | 11          |              |              | U-01790        |             | Federal | GW   |              |
| 4304732347 | RBU 3-11F             | NENW    | 11          |              |              | U-7206         |             | Federal | GW   |              |
| 4304732391 | RBU 2-23F             | NWNE    | 23          |              |              | U-013793-A     |             | Federal |      |              |
| 4304732392 | RBU 11-14F            | NESW    | 14          |              |              | U-013793-A     |             | Federal |      |              |
| 4304732396 | RBU 3-21F             | NENW    | 21          |              |              | U-013793-A     |             | Federal |      |              |
| 4304732407 | RBU 15-14F            | SWSE    | 14          |              |              | U-013793-A     |             | Federal |      |              |
| 4304732408 | RBU 4-23F             | NWNW    | <del></del> |              |              | U-013793-A     |             | Federal |      |              |
| 4304732415 | RBU 3-10EX (RIG SKID) | NENW    | 10          |              |              | UTU-035316     |             | Federal |      |              |
| 4304732483 | RBU 5-24EO            | SWNW    | 24          |              |              | U-013794       | <u> </u>    | Federal |      |              |
| 4304732512 | RBU 8-11F             | SENE    | 11          |              |              | U-01790        | <del></del> | Federal |      |              |
| 4304732844 | RBU 15-15F            | SWSE    | 15          |              |              | 14-20-H62-2646 | i           | Indian  | GW   |              |
| 4304732899 | RBU 3-14F             | NENW    | 14          |              |              | U-013793-A     |             | Federal |      |              |
| 4304732900 | RBU 8-23F             | SENE    | 23          |              | 1            | U-013793-A     |             | Federal |      |              |
| 4304732901 | RBU 12-23F            | NWSW    | 23          |              |              | U-01470-A      |             | Federal |      |              |
| 4304732902 | RBU 1-15F             | NENE    | 15          |              |              | U-7260         |             | Federal |      |              |
| 4304732903 | RBU 3-15F             | NENW    | 15          |              |              | U-7260         |             | Federal |      |              |
| 4304732904 | RBU 9-15F             | NESE    | 15          |              |              | U-7260         |             | Federal |      |              |
| 4304732934 | RBU 3-10F             | NENW    | 10          |              |              | U-7206         |             | Federal |      |              |
| 4304732969 | RBU 11-10F            | NESW    | 10          | 1008         | ]200E        | U-7206         | 7050        | Federal | UW   | ۲            |

## RIVER BEND UNIT

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| 4304732970 | RBU 12-15F  | NWSW    | 15  | 100S         | 200E            | U-7206       | 7050           | Federal      | GW          | P                                     |
| 4304732971 | RBU 15-16F  | SWSE    | 16  | 100S         | 200E            | U-7206       | 7050           | Federal      | GW          | S                                     |
| 4304732972 | RBU 1-21F   | NENE    | 21  | 100S         | 200E            | U-013793-A   | 7050           | Federal      | GW          | P                                     |
| 4304732989 | RBU 13-10E  | SWSW    | 10  | 100S         | 190E            | U-013792     | 7050           | Federal      | GW          | P                                     |
| 4304732990 | RBU 13-18F2 | SWSW    | 18  | 100S         | 200E            | U-013793     | 7050           | Federal      | GW          | P                                     |
| 4304732991 | RBU 6-19F   | SENW    | 19  | 100S         | 200E            | U-013769-A   | 7050           | Federal      | GW          | P                                     |
| 4304733033 | RBU 7-23E   | NWNE    | 23  | 100S         | 190E            | U-013766     | 7050           | Federal      | GW          | P                                     |
| 4304733034 | RBU 9-18F   | NESE    | 18  | 100S         | 200E            | U-013794     | 7050           | Federal      | GW          | P                                     |
| 4304733035 | RBU 14-19F  | SESW    | 19  | 100S         | 200E            | U-013769-A   | 7050           | Federal      | GW          | P                                     |
| 4304733087 | RBU 6-23F   | SENW    | 23  | 100S         | 200E            | U-013793-A   | 7050           | Federal      | GW          | P                                     |
| 4304733088 | RBU 1-10F   | NENE    | 10  | 100S         | 200E            | U-7206       | 7050           | Federal      | GW          | P                                     |
| 4304733089 | RBU 8-22F   | SENE    | 22  | 100S         | 200E            | U-0143521    | 7050           | Federal      | GW          | P                                     |
| 4304733090 | RBU 11-22F  | NESW    | 22  | 100S         | 200E            | U-0143519    | 7050           | Federal      | GW          | P                                     |
| 4304733091 | RBU 16-22F  | SESE    | 22  |              |                 | U-01470-A    | 1              |              |             | P                                     |
| 4304733156 | RBU 4-14E   | NWNW    | 14  |              |                 | U-013792     | 4              | Federal      |             | P                                     |
| 4304733157 | RBU 7-19F   | SWNE    | 19  | 100S         | 200E            | U-013769-A   | 7050           | Federal      | GW          | P                                     |
| 4304733158 | RBU 7-20F   | SWNE    | 20  | 100S         | 200E            | U-013793-A   | 7050           | Federal      | GW          | P                                     |
| 4304733159 | RBU 7-24E   | SWNE    | 24  | 100S         | 190E            | U-013794     | 7050           | Federal      | GW          | P                                     |
| 4304733160 | RBU 8-15E   | SENE    | 15  | 100S         | 190E            | U-013766     | 7050           | Federal      | GW          | P                                     |
| 4304733161 | RBU 16-10E  | SESE    | 10  |              | 1               | U-013792     | 7050           | Federal      | <u> </u>    | P                                     |
| 4304733194 | RBU 2-14E   | NWNE    | 14  | 100S         | 190E            | U-013792     | 7050           | Federal      | GW          | P                                     |
| 4304733272 | RBU 13-3F   | SWSW    | 03  | 100S         | 200E            | U-013767     | 7050           | Federal      | GW          | P                                     |
| 4304733361 | RBU 5-3F    | SWNW    | 03  |              |                 | U-013767     |                | Federal      |             | P                                     |
| 4304733362 | RBU 15-10F  | SWSE    | 10  |              | <del></del>     | U-7206       |                | Federal      | 1           | P                                     |
| 4304733363 | RBU 5-16F   | SWNW    | 16  |              |                 | U-7206       |                | Federal      | GW          | P                                     |
| 4304733365 | RBU 12-14E  | NWSW    | 14  | 1            |                 | U-013792     |                | Federal      |             | P                                     |
| 4304733366 | RBU 5-18F   | SWNW    | 18  |              |                 | U-013769     |                | Federal      |             | P                                     |
| 4304733367 | RBU 10-23F  | NWSE    | 23  | <del> </del> |                 | U-01470-A    |                | Federal      |             | P                                     |
| 4304733368 | RBU 14-23F  | SESW    | 23  |              |                 | U-01470-A    | ļ              | Federal      |             | S                                     |
| 4304733424 | RBU 5-20F   | SWNW    | 20  |              |                 | U-013793-A   |                | Federal      |             | P                                     |
| 4304733643 | RBU 2-13E   | NWNE    | 13  |              |                 | U-013765     | <del></del>    | Federal      | GW          |                                       |
| 4304733644 | RBU 4-13E   | NWNW    | 13  |              |                 | U-013765     |                | Federal      | GW          |                                       |
| 4304733714 | RBU 4-23E   | NWNW    | 23  | -            | -               | U-013766     |                | Federal      |             | d                                     |
| 4304733715 | RBU 6-13E   | SENW    | 13  |              |                 | U-013765     |                | Federal      |             |                                       |
| 4304733716 | RBU 10-14E  | NWSE    | 14  |              |                 | U-013792     | <u> </u>       | Federal      | <del></del> |                                       |
| 4304733838 | RBU 8-10E   | SENE    | 10  |              |                 | U-013792     |                | Federal      | <del></del> |                                       |
| 4304733839 | RBU 12-23E  | NWSW    | 23  | 1            |                 | U-013766     | 1              | Federal      | +           | · · · · · · · · · · · · · · · · · · · |
| 4304733840 | RBU 12-24E  | NWSW    | 24  |              |                 | U-013794     |                |              | GW          |                                       |
| 4304733841 | RBU 14-23E  | SESW    | 23  |              |                 | U-013766     |                | <del> </del> | GW          |                                       |
| 4304734302 | RBU 1-23F   | NENE    | 23  |              |                 | UTU-013793-A | <del> </del>   |              | GW          |                                       |
| 4304734661 | RBU 16-15E  | SESE    | 15  |              |                 | U-013766     |                |              |             |                                       |
| 4304734662 | RBU 10-14F  | NWSE    | 14  |              |                 | U-013793-A   |                | Federal      | GW          |                                       |
| 4304734663 | RBU 6-14E   | SENW    | 14  | <del></del>  | <del>-   </del> | U-013792     | <del></del>    | Federal      | GW          |                                       |
| 4304734670 | RBU 8-23E   | NENE    | 23  |              |                 | U-013766     | · <del> </del> | Federal      | GW          |                                       |
| 4304734671 | RBU 4-24E   | NENE    | 23  |              |                 | U-013766     |                | Federal      |             |                                       |
| 4304734701 | RBU 12-11F  | SENW    | 11  | 1100S        | ]200E           | U-7206       | / 7050         | Federal      | GW          | P                                     |

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### RIVER BEND UNIT

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|------------|-------------|---------|-----|--------------|--------------|----------------|--|---------|-------------|--|
| 4304734702 | RBU 2-15E   | NWNE    | 15  |              |              | U-013766       | ļ  |         | GW          |  |
| 4304734702 | RBU 4-17F   | NWNW    | 17  |              |              | U-013769-C     |  |         | GW          |  |
| 4304734745 | RBU 10-20F  | NESE    | 20  | <u> </u>     |              | U-0143520-A    |  | Federal | GW          |  |
| 4304734749 | RBU 7-18F   | SWNE    | 18  |              |              | U-013769       |  | Federal | GW          |  |
| 4304734750 | RBU 12-10F  | SWSW    | 10  |              |              | 14-20-H62-2645 | <del> </del>                                     | Indian  | GW          |  |
| 4304734810 | RBU 10-13E  | NWSE    | 13  |              |              | U-013765       | <del> </del>                                     | Federal | GW          |  |
| 4304734812 | RBU 1-24E   | NENE    | 24  | <u> </u>     |              | U-013794       | <del></del>                                      | Federal | GW          |  |
| 4304734826 | RBU 12-21F  | NESE    | 20  | <del></del>  | <del> </del> | U-0143520-A    |  | Federal | GW          | +  |
| 4304734828 | RBU 4-15E   | NWNW    | 15  |              |              | U-013766       | <del></del>                                      | Federal | GW          | and the state of t |
| 4304734844 | RBU 14-14E  | SESW    | 14  |              |              | U-013792       | <del></del>                                      | l       | GW          | 4  |
| 4304734845 | RBU 10-24E  | NWSE    | 24  |              |              | U-013794       | <del>                                     </del> |         | GW          |  |
| 4304734888 | RBU 4-21E   | NWNW    | 21  | ·            |              | U-013766       | <del></del>                                      |         | GW          |  |
| 4304734889 | RBU 16-24E  | SESE    | 24  |              | 1            | U-13794        |  | Federal | GW          |  |
| 4304734890 | RBU 12-18F2 | NWSW    | 18  | <del> </del> |              | U-013793       |  | Federal | GW          |  |
| 4304734891 | RBU 10-23E  | NESW    | 23  | <del></del>  | <del></del>  | U-013766       | <del></del>                                      | Federal | GW          |  |
| 4304734892 | RBU 8-22E   | SENE    | 22  | -            |              | U-013792       | <del></del>                                      | Federal | GW          |  |
| 4304734906 | RBU 6-22E   | SENW    | 22  |              |              | U-013792       | <del> </del>                                     |         | GW          | 1  |
| 4304734907 | RBU 2-24E   | NWNE    | 24  |              |              | U-013794       |  |         | GW          | L  |
| 4304734910 | RBU 4-16F   | NWNW    | 16  |              | <del></del>  | U-7206         |  | Federal | GW          |  |
| 4304734911 | RBU 12-19F  | NWSW    | 19  | ļ            | 1            | U-013769-A     |  | Federal | GW          |  |
| 4304734912 | RBU 14-20F  | SESW    | 20  | 4            |              | U-0143520-A    |  | Federal | GW          |  |
| 4304734942 | RBU 1-22F   | NWNW    | 23  |              |              | U-013793-A     | <del>                                     </del> | Federal | GW          |  |
| 4304734945 | RBU 8-19F   | SENE    | 19  |              | 1            | U-013769-A     |  |         | GW          |  |
| 4304734946 | RBU 8-20F   | SENE    | 20  |              |              | U-013793-A     | <del> </del>                                     |         | GW          |  |
| 4304734962 | RBU 12-17F  | NWSW    | 17  | 1            | 4            | U-013769-C     |  |         | GW          |  |
| 4304734963 | RBU 2-17F   | NWNE    | 17  |              |              | U-013769-C     |  | Federal | GW          |  |
| 4304734966 | RBU 14-18F  | SESW    | 18  | 100S         | 200E         | U-013793       | 7050   | Federal | GW          | P  |
| 4304734967 | RBU 10-18F  | NWSE    | 18  | 100S         | 200E         | U-013794       | 7050   | Federal | GW          | P  |
| 4304734968 | RBU 10-19F  | NWSE    | 19  | <del></del>  |              | U-013769-A     | 7050   | Federal | GW          | P  |
| 4304734969 | RBU 10-3E   | NWSE    | 03  | 100S         | 190E         | U-035316       | 7050   | Federal | GW          | P  |
| 4304734970 | RBU 12-3E   | NWSW    | 03  | 100S         | 190E         | U-013765       | 7050   | Federal | GW          | P  |
| 4304734971 | RBU 15-3E   | SWSE    | 03  | 100S         | 190E         | U-35316        | 7050   | Federal | GW          | P  |
| 4304734974 | RBU 12-10E  | NWSW    | 10  | 100S         | 190E         | U-013792       | 14025  | Federal | GW          | P  |
| 4304734975 | RBU 14-10E  | NENW    | 15  |              |              | U-013766       |  | Federal |             |  |
| 4304734976 | RBU 16-13E  | SESE    | 13  | 100S         | 190E         | U-013765       | 7050   | Federal | GW          | P  |
| 4304734977 | RBU 8-14E   | SENE    | 14  | 100S         | 190E         | U-013792       | 7050   | Federal | GW          | P  |
| 4304734978 | RBU 6-15E   | SENW    | 15  | 100S         | 190E         | U-013766       | 1  | Federal |             | 1  |
| 4304734979 | RBU 12-15E  | NWSW    | 15  | <del></del>  |              | U-013766       |  | Federal |             |  |
| 4304734981 | RBU 16-17E  | SESE    | 17  |              | ļ            | U-013766       |  | Federal | <del></del> |  |
| 4304734982 | RBU 8-21E   | SENE    | 21  |              |              | U-013766       |  | Federal |             |  |
| 4304734983 | RBU 4-22E   | NWNW    | 22  | <u> </u>     |              | U-013792       |  | Federal |             |  |
| 4304734986 | RBU 2-20F   | NWNE    | 20  | 100S         | 200E         | U-03505        |  | Federal | -           | <del> </del>   |
| 4304734987 | RBU 9-20E   | SWNW    | 21  |              |              | U-03505        |  | Federal |             | <del></del>  |
| 4304734989 | RBU 7-20E   | NENE    | 20  | 100S         | 190E         | U-03505        | 7050   | Federal | GW          | P  |
| 4304734990 | RBU 8-20E   | SWNW    | 21  |              |              | U-03505        |  | Federal |             | -  |
| 4304735041 | RBU 16-23E  | SWSE    | 23  | 100S         | 190E         | U-013766       | 7050   | Federal | GW          | P  |

# RIVER BEND UNIT

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| 4304735042 | RBU 12-22E  | NWSW    | 22  | 100S | 190E | U-013792     | 14165         | Federal | GW          | P            |
| 4304735058 | RBU 7-23F   | SWNE    | 23  | 100S | 200E | U-013793-A   | 7050          | Federal | GW          | P            |
| 4304735059 | RBU 12-13E  | NWSW    | 13  | 100S | 190E | U-013765     | 7050          | Federal | GW          | P            |
| 4304735060 | RBU 14-13E  | SESW    | 13  | 100S | 190E | U-013765     | 7050          | Federal | GW          | P            |
| 4304735061 | RBU 2-22E   | NWNE    | 22  | 100S | 190E | U-013792     | 7050          | Federal | GW          | P            |
| 4304735062 | RBU 6-24E   | SENW    | 24  | 100S | 190E | U-013794     | 7050          | Federal | GW          | P            |
| 4304735082 | RBU 4-17E   | NWNW    | 17  | 100S | 190E | U-03505      | 7050          | Federal | GW          | P            |
| 4304735086 | RBU 16-14E  | NENE    | 23  | 100S | 190E | U-013792     | 7050          | Federal | GW          | P            |
| 4304735087 | RBU 2-3E    | NWNE    | 03  | 100S | 190E | U-013765     | 7050          | Federal | GW          | P            |
| 4304735088 | RBU 6-3E    | SENW    | 03  | 100S | 190E | U-03505      | 7050          | Federal | GW          | P            |
| 4304735100 | RBU 10-10E  | NWSE    | 10  | 100S | 190E | U-013792     | 7050          | Federal | GW          | P            |
| 4304735101 | RBU 16-22E  | SESE    | 22  | 100S | 190E | U-013792     | 7050          | Federal | GW          | P            |
| 4304735112 | RBU 14-24E  | SESW    | 24  | 100S | 190E | U-013794     | 7050          | Federal | GW          | P            |
| 4304735129 | RBU 6-21F   | SENW    | 21  | 100S | 200E | U-013793-A   | 7050          | Federal | GW          | P            |
| 4304735170 | RBU 1-9E    | NESE    | 09  | 100S | 190E | U-03505      | 7050          | Federal | GW          | P            |
| 4304735171 | RBU 16-9E   | NESE    | 09  | 100S | 190E | U-013765     | 7050          | Federal | GW          | P            |
| 4304735232 | RBU 14-21F  | SESW    | 21  | 100S | 200E | U-0143520    | 7050          | Federal | GW          | P            |
| 4304735250 | RBU 13-19F2 | NWSW    | 19  | 100S | 200E | U-013769-A   | 7050          | Federal | GW          |              |
| 4304735251 | RBU 15-19F  | SWSE    | 19  | 100S | 200E | U-013769-A   | 7050          | Federal | GW          | P            |
| 4304735270 | RBU 16-21E  | SESE    | 21  | 100S | 190E | U-013766     | 7050          | Federal | GW          | P            |
| 4304735304 | RBU 13-20F  | SWSW    | 20  | 100S | 200E | U-013769     | 7050          | Federal | GW          | P            |
| 4304735305 | RBU 4-21F   | NWNW    | 21  | 100S | 200E | U-013793-A   | 7050          | Federal | GW          | P            |
| 4304735306 | RBU 16-21F  | SESE    | 21  | 100S | 200E | U-0143520-A  | 7050          |         | GW          |              |
| 4304735468 | RBU 15-22F  | SWSE    | 22  | 100S | 200E | U-01470-A    | 7050          |         | GW          |              |
| 4304735469 | RBU 11-23F  | SENW    | 23  | 100S | 200E | U-01470A     | 7050          |         | GW          |              |
| 4304735549 | RBU 1-14F   | NENE    | 14  |      |      | UTU-013793-A |               |         | GW          |              |
| 4304735640 | RBU 2-21E   | NWNE    | 21  |      |      | U-013766     |               |         | GW          |              |
| 4304735644 | RBU 10-17E  | NWSE    | 17  | li   |      | U-013766     |               | Federal | GW          |              |
| 4304735645 | RBU 12-21E  | NWSW    | 21  |      | ·    | U-013766     |               | Federal | GW          | -            |
| 4304736200 | RBU 8-17E   | SWNE    | 17  |      |      | U-013766     |               |         | GW          |              |
| 4304736201 | RBU 15-17EX | SWSE    | 17  |      | +    | U-013766     |               | Federal | GW          |              |
| 4304736293 | RBU 2-10E   | NWNE    | 10  |      |      | U-013792     |               |         | GW          |              |
| 4304736294 | RBU 6-10E   | NENW    | 10  |      |      | U-013792     |               | Federal |             |              |
| 4304736296 | RBU 6-21E   | SENW    | 21  |      |      | U-013766     |               | Federal |             | <del>1</del> |
| 4304736297 | RBU 10-22E  | NWSE    | 22  |      | 1    | U-013792     |               |         | GW          |              |
| 4304736318 | RBU 14-22E  | SESW    | 22  |      |      | U-013792     |               | Federal |             | <del></del>  |
| 4304736427 | RBU 9-15E   | NESE    | 15  |      |      | U-013766     |               | Federal |             |              |
| 4304736428 | RBU 2-17E   | NWNE    | 17  |      |      | U-013766     |               | Federal |             |              |
| 4304736429 | RBU 1-17E   | NENE    | 17  |      |      | U-013766     |               | Federal |             |              |
| 4304736432 | RBU 3-19F2  | NWNW    |     |      |      | U-013769-A   |               | Federal |             |              |
| 4304736433 | RBU 14-17F  | SESW    | 17  |      |      | U-03505      |               | Federal |             |              |
| 4304736434 | RBU 2-19F   | NWNE    | 19  |      |      | U-013769-A   |               | Federal |             |              |
| 4304736435 | RBU 5-19FX  | SWNW    | 19  |      |      | U-013769-A   |               | Federal |             |              |
| 4304736436 | RBU 4-20F   | NWNW    |     |      |      | U-013793-A   |               | Federal |             |              |
| 4304736605 | RBU 16-14F  | SESE    | 14  |      |      | U-013793A    |               | Federal |             |              |
| 4304736608 | RBU 4-3E    | NWNW    | 03  | 100S | 190E | U-035316     | <u>  7050</u> | Federal | <u> </u> GW | P            |

### RIVER BEND UNIT

|  | 44          |         | 7   |             |      | la .        |       | T       | T    |      |
|--|-------------|---------|-----|-------------|------|-------------|-------|---------|------|------|
|  | well_name   | qtr_qtr | sec | twp         | rng  | lease_num   |       | Lease   | well | stat |
| the second secon | RBU 8-3E    | SENE    | 03  | <del></del> |      | U-013765    |       | Federal |      | P    |
|  | RBU 14-3E   | SESW    | 03  |             |      | U-013765    |       | Federal | GW   |      |
|  | RBU 13-3E   | NWSW    | 03  |             |      | U-013765    | 15235 | Federal | GW   | P    |
|  | RBU 1-3E    | NENE    | 03  | 100S        | 190E | U-013765    | 7050  | Federal | GW   | DRL  |
|  | RBU 2-10F   | NWNE    | 10  | 100S        | 200E | U-7206      | 7050  | Federal | GW   | P    |
| 4304736851   | RBU 8-21F   | SENE    | 21  | 100S        | 200E | U-013793-A  | 7050  | Federal | GW   | P    |
|  | RBU 4-10E   | SWNW    | 10  | 100S        | 190E | U-035316    | 7050  | Federal | GW   | P    |
| 4304737057   | RBU 11-17E  | NWSE    | 17  | 100S        | 190E | U-03505     | 7050  | Federal | GW   | DRL  |
| 4304737058   | RBU 3-17E   | NENW    | 17  | 100S        | 190E | U-03505     | 7050  | Federal | GW   | P    |
| 4304737201   | RBU 3-23F   | NENW    | 23  | 100S        | 200E | U-013793-A  | 7050  | Federal | OW   | P    |
| 4304737341   | RBU 11-20F  | NESW    | 20  | 100S        | 200E | U-0143520-A | 7050  | Federal | GW   | P    |
| 4304737342   | RBU 5-15F   | SWNW    | 15  | 100S        | 200E | U-7206      | 7050  | Federal | OW   | P    |
| 4304737343   | RBU 10-16F  | NWSE    | 16  | 100S        | 200E | U-7206      | 7050  | Federal | OW   | P    |
| 4304737344   | RBU 9-16F   | NESE    | 16  | 100S        | 200E | U-7206      | 7050  | Federal | OW   | S    |
| 4304737450   | RBU 14-17E  | SESW    | 17  | 100S        | 190E | U-03505     | 7050  | Federal | GW   | P    |
| 4304737747   | RBU 15-9E   | NWNE    | 16  | 100S        | 190E | U-013765    | 7050  | Federal | GW   | DRL  |
| 4304737893   | RBU 9-4EA   | SENE    | 04  | 100S        | 190E | U-03505     | 7050  | Federal | GW   | P    |
| 4304737998   | RBU 13-23F  | SWSW    | 23  | 100S        | 200E | U-01470-A   | 7050  | Federal | GW   | P    |
| 4304738181   | RBU 12-4E   | SWNW    | 04  | 100S        | 190E | U-03576     | 99999 | Federal | GW   | DRL  |
| 4304738182   | RBU 11-4E   | SE/4    | 04  | 100S        | 190E | U-03505     | 99999 | Federal | GW   | DRL  |
| 4304738294   | RBU 2-4E    | NWNE    | 04  | 100S        | 190E | U-013792    | 7050  | Federal | GW   | DRL  |
| 4304738295   | RBU 5-4E    | SWNW    | 04  | 100S        | 190E | U-03576     | 99999 | Federal | GW   | DRL  |
| 4304738543   | RBU 28-18F  | NESE    | 13  | 100S        | 190E | U 013793-A  | 7050  | Federal | GW   | DRL  |
| 4304738548   | RBU 32-13E  | NESE    | 13  | 100S        | 190E | U-013765    | 7050  | Federal | GW   | DRL  |
| 4304738555   | RBU 27-18F  | SWSW    | 18  | 100S        | 200E | U-013793    | 7050  | Federal | GW   | DRL  |
| 4304738556   | RBU 27-18F2 | SWSW    | 18  | 100S        | 200E | U-013793    | 7050  | Federal | GW   | DRL  |
| 4304738557   | RBU 30-18F  | SWSW    | 18  | 100S        | 200E | U-013793    | 7050  | Federal | GW   | P    |
| 4304738558   | RBU 29-18F  | SWSW    | 18  | 100S        | 200E | U-013793    | 7050  | Federal | GW   | DRL  |
| 4304738595   | RBU 31-10E  | NENE    | 15  | 100S        | 190E | U-013792    | 7050  | Federal | GW   | DRL  |
| 4304738596   | RBU 17-15E  | NENE    | 15  | 100S        | 190E | U-013766    | 7050  | Federal | GW   | DRL  |
| 4304738780   | RBU 8B-17E  | SENE    | 17  | 100S        | 190E | U-013766    | 7050  | Federal | GW   | DRL  |

### RIVER BEND UNIT

|            |             | ······································ | -   |      |      |           |        |       |      |      |
|------------|-------------|--|-----|------|------|-----------|--------|-------|------|------|
| api        | well_name   | qtr_qtr                                | sec | twp  | mg   | lease_num | entity | Lease | well | stat |
| 4304730153 | NATURAL 1-2 | SENW                                   | 02  | 100S | 200E | ML-10716  | 11377  | State | OW   | PA   |
| 4304730260 | RBU 11-16E  | NESW                                   | 16  | 100S | 190E | ML-13214  | 7050   | State | GW   | S    |
| 4304730583 | RBU 11-36B  | NESW                                   | 36  | 090S | 190E | ML-22541  | 99998  | State | NA   | PA   |
| 4304730608 | RBU 8-16D   | SENE                                   | 16  | 100S | 180E | ML-13216  | 99998  | State | NA   | PA   |
| 4304730760 | RBU 11-2F   | NESW                                   | 02  | 100S | 200E | ML-10716  | 9966   | State | OW   | S    |
| 4304731740 | RBU 1-16E   | NENE                                   | 16  | 100S | 190E | ML-13214  | 7050   | State | GW   | P    |
| 4304732026 | RBU 16-2F   | SESE                                   | 02  | 100S | 200E | ML-10716  | 7050   | State | GW   | P    |
| 4304732042 | RBU 9-16E   | NESE                                   | 16  | 100S | 190E | ML-13214  | 7050   | State | GW   | P    |
| 4304732108 | RBU 14-2F   | SESW                                   | 02  | 100S | 200E | ML-10716  | 7050   | State | GW   | P    |
| 4304732136 | RBU 8-2F    | SENE                                   | 02  | 100S | 200E | ML-10716  | 7050   | State | GW   | P    |
| 4304732137 | RBU 5-16E   | SWNW                                   | 16  | 100S | 190E | ML-13214  | 7050   | State | GW   | P    |
| 4304732245 | RBU 7-16E   | SWNE                                   | 16  | 100S | 190E | ML-13214  | 7050   | State | GW   | PA   |
| 4304732250 | RBU 13-16E  | SWSW                                   | 16  | 100S | 190E | ML-13214  | 7050   | State | GW   | S    |
| 4304732292 | RBU 15-16E  | SWSE                                   | 16  | 100S | 190E | ML-13214  | 7050   | State | GW   | PA   |
| 4304732314 | RBU 10-2F   | NWSE                                   | 02  | 100S | 200E | ML-10716  | 7050   | State | GW   | P    |
| 4304732352 | RBU 3-16F   | NENW                                   | 16  | 100S | 200E | ML-3393-A | 7050   | State |      | P    |
| 4304733360 | RBU 1-16F   | NENE                                   | 16  | 100S | 200E | ML-3393   | 7050   | State | GW   | P    |
| 4304734061 | RBU 6-16E   | SWNE                                   | 16  | 100S | 190E | ML-13214  | 7050   | State |      | P    |
| 4304734167 | RBU 1-2F    | NENE                                   | 02  | 100S | 200E | ML-10716  |        | State | GW   | LA   |
| 4304734315 | STATE 11-2D | NESW                                   | 02  | 100S | 180E | ML-26968  |        | State | GW   | LA   |
| 4304734903 | RBU 14-16E  | SWSW                                   | 16  | 100S | 190E | ML-13214  | 7050   | State | D    | PA   |
| 4304735020 | RBU 8-16E   | SENE                                   | 16  | 100S | 190E | ML-13214  | 7050   | State | GW   | P    |
| 4304735021 | RBU 10-16E  | SWSE                                   | 16  | 100S | 190E | ML-13214  | 7050   | State | GW   | P    |
| 4304735022 | RBU 12-16E  | NESW                                   | 16  | 100S | 190E | ML-13214  | 7050   | State | GW   | P    |
| 4304735023 | RBU 16-16E  | SWSW                                   | 15  | 100S | 190E | ML-13214  | 7050   | State | GW   | P    |
| 4304735033 | RBU 2-16E   | NWNE                                   | 16  | 100S | 190E | ML-13214  | 7050   | State | GW   | P    |
| 4304735081 | RBU 15-2F   | SWSE                                   | 02  | 100S | 200E | ML-10716  | 7050   | State | GW   | P    |
| 4304735348 | RBU 13-16F  | NWNW                                   | 21  | 100S | 200E | ML-3394   | 7050   | State | GW   | DRL  |
| 4304736169 | RBU 4-16E   | NENW                                   | 16  | 100S | 190E | ML-13214  | 7050   | State | GW   | P    |
| 4304736170 | RBU 3-16E   | NENW                                   | 16  | 100S | 190E | ML-13214  | 7050   | State | GW   | P    |



## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155



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IN REPLY REFER TO 3180 UT-922

Dominion Exploration & Production, Inc. Attn: James D. Abercrombie 14000 Quail Springs Parkway, #600 Oklahoma City, OK 73134-2600

August 10, 2007

Re:

River Bend Unit Uintah County, Utah

### Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the River Bend Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the River Bend Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble Acting Chief, Branch of Fluid Minerals

**Enclosure** 

RECEIVED
AUG 1 6 2007
DIV. OF OIL, GAS & MINING

### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

### **ENTITY ACTION FORM**

Operator:

XTO ENERGY INC.

Operator Account Number: N 2615

Address:

382 CR 3100

city AZTEC

state NM

zip 87410

Phone Number: (505) 333-3100

Well 1

| API Number          | Well                     | Vame                 | QQ   | Sec                                       | Twp         | Rng     | County                            |
|---------------------|--------------------------|----------------------|------|---|-------------|---------|-----------------------------------|
| 4304735042          | RBU 12-22E               |                      | NWSW | 22  | 108         | 19E     | Uintah                            |
| Action Code         | Current Entity<br>Number | New Entity<br>Number | s    | pud Da                                    | te          |         | tity Assignment<br>Effective Date |
| C                   | 14165                    | 7050                 |      | (C. 110. 110. 110. 110. 110. 110. 110. 11 |             |         | 3/1/2009                          |
| C<br>Comments: w.c. |                          | 7050                 |      |   | <del></del> | <u></u> | 3/1/2009                          |

WSMVD

4/29/09

Well 2

| 20E | Uintah                 |
|-----|------------------------|
|     |                        |
|     | ssignment<br>tive Date |
| 3/1 | 1/2009                 |
|     | 4/29                   |

Wall 3 4204721425

| 3U 5-19FX                |                      |               |   | I                                   | 1 1           |                             |
|--------------------------|----------------------|---------------|---|-------------------------------------|---------------|-----------------------------|
|                          |                      | SWNW          | 19  | 108                                 | 20E           | Uintah                      |
| Current Entity<br>Number | New Entity<br>Number | Sı            | oud Dat   | ė                                   |               | y Assignment<br>ective Date |
| 15855                    | 7050                 |               | <del>in the sec</del> t of the billion to the section of the | - <del>- Marie - An</del> iconsista |               | 3/1/2009                    |
|                          | Number               | Number Number | Number Number   | Number Number                       | Number Number | Number Number Eff           |

### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Eden Fine Name (Please Print)

REGULATORY CLERK

4/29/2009

Title

Date

(5/2000)

APR 2 9 2009

**RECEIVED** 

Sundry Number: 19765 API Well Number: 43047350420000

|  | STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE   |   | FORM 9   |  |  |  |
|--|--|---|--|--|--|--|
|  | ES<br>NING   | 5.LEASE DESIGNATION AND SERIAL NUMBER: U-013792 |  |  |  |  |
| SUNDF  | RY NOTICES AND REPORTS   | ON WELLS  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  |  |  |  |
|  | sals to drill new wells, significantly deepen<br>igged wells, or to drill horizontal laterals. U   |   | 7.UNIT or CA AGREEMENT NAME:<br>RIVER BEND   |  |  |  |
| 1. TYPE OF WELL<br>Gas Well                                      |  |   | 8. WELL NAME and NUMBER:<br>RBU 12-22E   |  |  |  |
| 2. NAME OF OPERATOR:<br>XTO ENERGY INC                           | 9. API NUMBER:<br>43047350420000   |   |  |  |  |  |
| <b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 8      | 9. FIELD and POOL or WILDCAT:<br>NATURAL BUTTES  |   |  |  |  |  |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE:<br>2222 FSL 0999 FWL |  | COUNTY:<br>UINTAH                               |  |  |  |  |
| QTR/QTR, SECTION, TOWNSHI<br>Qtr/Qtr: NWSW Section: 22           | S  | STATE:<br>UTAH                                  |  |  |  |  |
| 11. CHE  | CK APPROPRIATE BOXES TO INDICAT  | E NATURE OF NOTICE, REPORT,                     | OR OTHER DATA  |  |  |  |
| TYPE OF SUBMISSION   |  | TYPE OF ACTION                                  |  |  |  |  |
|  | CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF  WILDCAT WELL DETERMINATION  OMPLETED OPERATIONS. Clearly show all perhas completed an acid treatment attached summary report | ent on this well per the t.                     | CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: Volumes, etc.  Accepted by the Utah Division of |  |  |  |
|  |  | Oi  | I, Gas and Mining R RECORD ONLY  |  |  |  |
| NAME (PLEASE PRINT)<br>Barbara Nicol                             | <b>PHONE NUMBER</b> 505 333-3642   | TITLE Regulatory Compliance Tech                |  |  |  |  |
| SIGNATURE<br>N/A   |  | <b>DATE</b> 10/26/2011                          |  |  |  |  |

Sundry Number: 19765 API Well Number: 43047350420000

### Riverbend Unit 12-22E

**10/12/2011:** MIRU SLU. SN @ 8,198'. PU & RIH w/ fish tls. POH & LD pad type plngr & stage tls from 4,767'. POH & LD Ferguson flo thru plngr & BHBS from SN @ 8,198'. No SC or wear on tls. PU & RIH w/ 1.625" blind box tls. Tagged fill @ 8,299'. POH & LD tls. PU & RIH w/ 1.908" tbg broach & ran to SN. No ti spots. POH & LD tls. RDMO SLU. Left equipment out of tbg and well shut in.

**10/18/2011:** MIRU Hot Oil Service. NU to tbg, PT line. Gd tst. Ppd 250 gal 15% NEFE HCL acid w/additives & 32 bbls 2% KCl wtr flush w/additives. ND from tbg, NU to csg. PT line, Gd tst. Ppd 500 gal 15% NEFE HCL acid w/additives dwn csg. Wait 1 hr, Ppd 48 bbls 2% KCL w/additives dwn csg. SWI, ND from csg. RDMO Hot Oil Service. Wait 24 hrs to swb tbg.

**10/19/2011:** MIRU SWU. RIH w/ fish tls. S 0 BO, 30 BW. 9 runs, 7 hr. FFL 7,000' FS. SITP 0 psig. SICP 300 psig. SDFN.

**10/20/2011:** RIH w/ swb tls. S 0 BO, 23 BW. 7 runs, 5 hr. Dropd plngr, failed to cycle. FFL 7,200' FS. SITP 0 psig. SICP 320 psig. SDFN.

**10/21/2011:** RIH w/ swab tls. S 0 BO, 11 BW. 3 runs, 2 hr. Dropd plngr & cycled to surf. KO well producing. FFL 7,000' FS. SITP 210 psig. SICP 260 psig. RDMO SWU. RWTP @ 12:30 p.m. 10/21/11. FR for acid treatment.

Sundry Number: 70413 API Well Number: 43047350420000

|  | STATE OF UTAH  |  | FORM 9  |  |  |
|--|--|--|---|--|--|
| 1  | DEPARTMENT OF NATURAL RESOURCE<br>DIVISION OF OIL, GAS, AND MIN  |  | 5.LEASE DESIGNATION AND SERIAL NUMBER: U-013792                                     |  |  |
| SUNDR  | RY NOTICES AND REPORTS   | ON WELLS   | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:   |  |  |
|  | oposals to drill new wells, significantly<br>reenter plugged wells, or to drill horizo<br>n for such proposals.                            |  | 7.UNIT or CA AGREEMENT NAME:<br>RIVER BEND  |  |  |
| 1. TYPE OF WELL<br>Gas Well                                      |  |  | 8. WELL NAME and NUMBER:<br>RBU 12-22E  |  |  |
| 2. NAME OF OPERATOR:<br>XTO ENERGY INC                           |  |  | 9. API NUMBER:<br>43047350420000  |  |  |
| 3. ADDRESS OF OPERATOR:<br>PO Box 6501 , Englewood,              | 9. FIELD and POOL or WILDCAT:<br>NATURAL BUTTES  |  |   |  |  |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE:<br>2222 FSL 0999 FWL |  |  | COUNTY:<br>UINTAH   |  |  |
| QTR/QTR, SECTION, TOWNSH<br>Qtr/Qtr: NWSW Section:               | dian: S  | STATE:<br>UTAH   |   |  |  |
| 11. CHEC   | K APPROPRIATE BOXES TO INDICA  | TE NATURE OF NOTICE, REPOR   | RT, OR OTHER DATA   |  |  |
| TYPE OF SUBMISSION   |  | TYPE OF ACTION   |   |  |  |
|  | ✓ ACIDIZE  | ALTER CASING   | CASING REPAIR   |  |  |
| NOTICE OF INTENT Approximate date work will start:               | CHANGE TO PREVIOUS PLANS   | CHANGE TUBING  | CHANGE WELL NAME  |  |  |
| Approximate date work will start.                                | CHANGE WELL STATUS   | COMMINGLE PRODUCING FORMATIONS   | CONVERT WELL TYPE   |  |  |
| SUBSEQUENT REPORT Date of Work Completion:                       | DEEPEN   | FRACTURE TREAT   | NEW CONSTRUCTION  |  |  |
| 12/31/2015   | OPERATOR CHANGE  | PLUG AND ABANDON   | PLUG BACK   |  |  |
|  | PRODUCTION START OR RESUME   | RECLAMATION OF WELL SITE   | RECOMPLETE DIFFERENT FORMATION  |  |  |
| SPUD REPORT Date of Spud:  |  |  |   |  |  |
|  | REPERFORATE CURRENT FORMATION  | SIDETRACK TO REPAIR WELL   | LI TEMPORARY ABANDON  |  |  |
| DRILLING REPORT  | L TUBING REPAIR  | ☐ VENT OR FLARE  | WATER DISPOSAL  |  |  |
| Report Date:   | WATER SHUTOFF  | SI TA STATUS EXTENSION   | APD EXTENSION   |  |  |
|  | WILDCAT WELL DETERMINATION   | OTHER  | OTHER:  |  |  |
| XTO Energy Inc.<br>following: 12/29/20<br>w/15 gal methano       | COMPLETED OPERATIONS. Clearly show performed an Acid Treatmen 15: MIRU pmp trk. Pmp 84 (sl. SWIFPBU. RDMO. 12/31/2 btls. RDMO SWU. RWTP 12 | nt on this well per the<br>gal 15% HCL ac. Flush<br>015: MIRU SWU. RIH | Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 16, 2016 |  |  |
| NAME (PLEASE PRINT)<br>Rhonda Smith                              | <b>PHONE NUMB</b><br>505 333-3215  | ER TITLE<br>Regulatory Clerk   |   |  |  |
| SIGNATURE  |  | DATE 2/14/2016   |   |  |  |
| N/A  |  | 3/14/2016  |   |  |  |